PH Indicators (Visual Transition Interval)

Indicator	pH Range & Color Change
1-Naphthyl Red HCl	R/Y 3.7 - 5.0 O
4-Phenylazodiphenylamine	R 1.2 - 2.5 Y
Acid Fuchsin	R 12.0 - 14.0 C
Alizarin	R 7.2 - 12.4 P
Alizarin Red S	Y 4.6 - 6.0 R
Alizarin Yellow GG	C 10.0 - 12.0 Y
Alizarin Yellow R	Y 10.0 - 12.0 R
a-Naphtholpthalein	Br 7.1 - 8.3 B
Aurin (Rosolic Acid)	Y 6.8 - 8.2 R
Basic Fuchsin	P 1.2 - 3.0 R
Benzopurourin 4B	V 1.2 - 4.0 R
Brilliant Green	Y 0.0 - 2.6 G
Brilliant Yellow	Y 6.4 - 8.0 O
Bromochlorophenol Blue	Y 3.0 - 4.6 B
Bromocresol Green **	Y 3.8 - 5.4 B
Bromocresol Purple **	Y 5.2 - 6.8 P
Bromophenol Blue **	Y 3.0 - 4.6 B
Bromophenol Red	O 5.2 - 6.8 P
Bromothymol Blue **	Y 6.0 - 7.6 B
Bromoxylenol Blue	O 5.7 - 7.5 B
Carminic Acid	Y 4.8 - 6.2 P
Chlorophenol Red	Y 5.0 - 6.6 R
Congo Red	B 3.0 - 5.0 R
Cresol Red **	R 1.0 - 2.0 Y
Cresol Red **	Y 7.0 - 8.8 R
Crystal Violet	Y 0.0 - 1.8 B
Curcumin	Y 7.4 - 8.6 R
Curcumin	R 10.2 - 11.8 O
Erythrosin B	O 2.2 - 3.6 R
Ethyl Orange	R 3.2 - 4.8 Y
Ethyl Red	R 4.5 - 6.5 Y
Ethyl Violet	Y 0.0 - 3.5 B
Fast Garnet GBC Base	O 1.4 - 2.8 Y
Fluorexon / Calcein	LG 6.0 - 7.2 DG
Hematoxylin	Y 5.0 - 6.0 V/B
Indigo Carmine	B 11.4 - 13.0 Y
Lacmoid	R 4.2 - 6.4 B
Litmus	R 4.5 - 8.3 B

Indicator	pH Range & Color Change
Malachite Green Oxalate	Y 0.2 - 1.8 B
m-Cresol Purple **	R 1.0 - 2.8 Y
Meta Cresol Purple **	Y 7.4 - 9.0 P
Metalphthalein ACS	C 8.2 - 9.8 R
Metanil Yellow	R 1.2 - 3.0 Y
Methyl Green	Y 0.2 - 1.8 B
Methyl Orange	R 3.2 - 4.4 Y
Methyl Red **	K 4.2 - 6.2 Y
Methyl Red sodium salt ACS	K 1.2 - 3.4 Y
Methyl Violet 2B	Y 0.0 - 2.0 B
Methylthymol Blue sodium salt ACS	Y 6.5 - 8.5 B
m-Nitrophenol	C 6.8 - 8.6 Y
Mordant Black 11	R 5.0 - 6.5 B
Neutral Red	R 6.8 - 8.0 A
Nile Blue A	B 10.0 - 11.0 P/R
o-Cresolphthalein	C 8.2 - 9.8 R
o-Nitrophenol	C 5.0 - 6.2 Y
Orange IV	R 1.4 - 2.8 Y
Patent Blue VF	Y 0.8 - 3.0 B
Phenol Red **	Y 6.8 - 8.4 R
Phenolphthalein	C 8.0 - 10.0 R
p-Naphtholbenzein	C 8.2 - 10.0 B
p-Nitrophenol	C 5.4 - 7.6 Y
Propyl Red	R 4.6 - 6.6 Y
Pyrogallol ACS	Y 3.8 - 6.6 R
Pyrogallol ACS	P 10.6 - 13.0 P
Quinaldine Red	C 1.0 - 2.2 R
Quinaldine Red	C 1.4 - 3.2 R
Resazurin	O 3.8 - 6.5 Y
Stains-all	C 2.4 - 3.4 P
Tetrabromophenolphthalein Ethyl Ester Potassium Salt	Y 3.0 - 4.2 B
Thymol Blue **	R 1.2 - 2.8 Y
Thymol Blue **	Y 8.0 - 9.2 B
Thymolphthalein	C 8.8 - 10.5 B
Tropacolin O	Y/R 1.1 - 12.7 O
Xylenol Blue	Y 8.0 - 9.6 B
Xylenol Orange tetrasodium salt ACS	Y 6.4 - 10.4 R