Converting Colors

RYB(124, 175, 226)

Have a look what the booklet for RYB(124, 175, 226) contains.

Color

RYB(124, 175, 226)

Conversions

Conversions Part 1

Format	Color
Hex	7CE2E2
RGB	124, 226, 226
RGB Percent	49%, 89%, 89%
CMY	0.5137, 0.1137, 0.1137
CMYK	0.45, 0.00, 0.00, 0.11
HSL	180°, 64%, 69%
HSV	180°, 45%, 89%
XYZ	49.2360, 64.1688, 81.7423
YIQ	195.5020, -60.7920, -21.6240

Conversions

Conversions Part 2

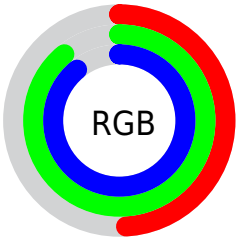
Format	Color
RYB	124, 175, 226
Decimal	8184546
CIELab	84.05, -29.70, -9.27
CIELCh	84, 31.116, 197.323
Yxy	64.1688, 0.2523, 0.3288
Android (android.graphics.Color)	4286374626 (0xFF7CE2E2)
YUV	195.5020, 15.0355, -62.7073
Hunter-Lab	80.1054, -30.4712, -4.4277

Details

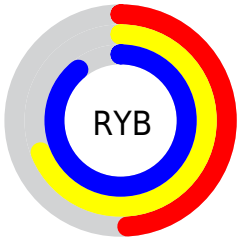
The RYB color 124, 175, 226 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 226, 124, 124, and the grayscale version is 195, 195, 195.

A 20% lighter version of the original color is 182, 219, 255, and 64, 117, 171 is the 20% darker color. If you saturate the color by 10%, you get 101, 164, 226, and if you desaturate by 10%, it is 147, 187, 226.

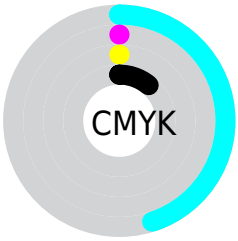
Distribution



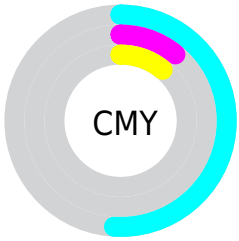
- Red (49%)
- Green (89%)
- Blue (89%)



- Red (49%)
- Yellow (69%)
- Blue (89%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (51%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 175, 226 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 124, 175, 226 by changing the saturation by 10% instead.

124, 175, 226

255, 255, 255

182, 219, 255

212, 234, 255

242, 249, 255

124, 175, 226

95, 147, 198

64, 117, 171

24, 84, 144

0, 59, 119

0, 46, 94

0, 34, 70

0, 23, 48

0, 13, 27

0, 0, 0

124, 175, 226	124, 175, 226
101, 164, 226	147, 187, 226
79, 153, 226	169, 198, 226
56, 141, 226	192, 209, 226
34, 130, 226	214, 220, 226
11, 119, 226	237, 226, 226
0, 113, 226	255, 226, 226

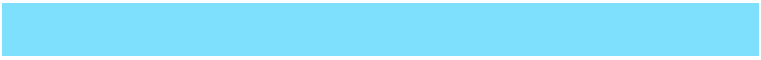
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

147, 195, 225

124, 175, 226



126, 181, 252

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

124, 175, 226

235, 196, 250

222, 242, 153

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

124, 175, 226

226, 124, 124

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

255, 205, 168

124, 175, 226

255, 189, 223

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

124, 175, 226

197, 205, 255

255, 189, 194

153, 213, 153

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

124, 175, 226

144, 189, 255

255, 189, 194

250, 239, 156

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

124, 175, 226

219, 237, 255

124, 226, 226

106, 117, 128

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

124, 175, 226

117, 186, 255

124, 158, 226

101, 107, 112

0, 88, 176

0, 24, 48

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

226, 124, 226

255, 117, 255

226, 226, 124

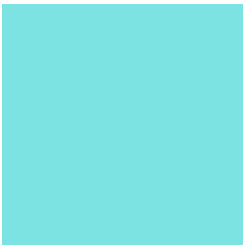
112, 101, 112

176, 0, 176

48, 0, 48

Previews

White Background

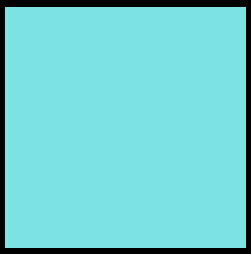


This preview shows how the RYB color 124, 175, 226 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



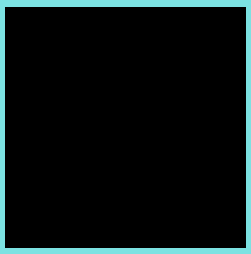
This preview shows how the RYB color 124, 175, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 124, 175, 226 Background



This preview shows how black text looks on a background with the RYB color 124, 175, 226.

This preview shows how white text looks on a background with the RYB color 124, 175, 226.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

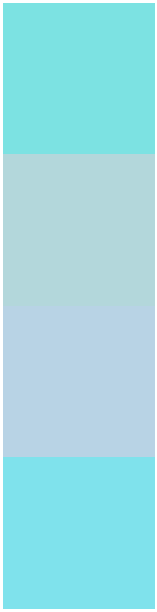
Original Color
124, 175, 226

Protanopia
210, 207, 215

Deuteranopia
218, 203, 231

Tritanopia
129, 181, 242

Trichromacy



Original Color
124, 175, 226

Protanomaly
179, 198, 219

Deuteranomaly
184, 201, 229

Tritanomaly
127, 179, 236

Monochromacy

Original Color
124, 175, 226

Achromatopsia
196, 196, 196

Achromatomaly
170, 189, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 175, 226 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(124, 226, 226) looks like.

```
.text, #text, p{
    color:rgb(124, 226, 226)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(124, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 226, 226) }
```

Border

The CSS property to change the border of an element to RYB 124, 175, 226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(124, 226, 226) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(124, 226, 226) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(124, 226, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 226, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 226, 226); box-shadow:4px 4px 4px 4px rgb(124, 226, 226) }
```

Background

The CSS property to change the background color of an element to RYB 124, 175, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(124, 226, 226) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(124,
226, 226) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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