Converting Colors

RYB(160, 255, 177)

Have a look what the booklet for RYB(160, 255, 177) contains.

Color

RYB(160, 255, 177)

Conversions

Conversions Part 1

Format	Color
Hex	EEFFA0
RGB	238, 255, 160
RGB Percent	93%, 100%, 63%
CMY	0.0667, 0.0000, 0.3725
CMYK	0.07, 0.00, 0.37, 0.00
HSL	71°, 100%, 81%
HSV	71°, 37%, 100%
XYZ	77.3651, 92.2352, 46.9833
YIQ	239.0870, 20.3630, -33.1490

Conversions

Conversions Part 2

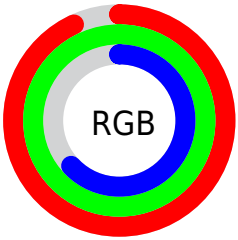
Format	Color
RYB	160, 255, 177
Decimal	15663008
CIELab	96.92, -19.86, 43.55
CIELCh	97, 47.867, 114.518
Yxy	92.2352, 0.3572, 0.4259
Android (android.graphics.Color)	4293853088 (0xFFEEFFA0)
YUV	239.0870, -38.9899, -0.9533
Hunter-Lab	96.0392, -24.2765, 38.2222

Details

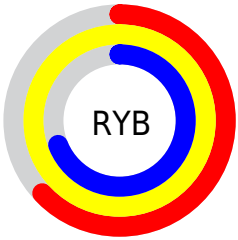
The RYB color 160, 255, 177 is a light color, and the websafe version is hex FFFF99. A complement of this color would be 177, 160, 255, and the grayscale version is 239, 239, 239.

A 20% lighter version of the original color is 216, 255, 216, and 107, 198, 124 is the 20% darker color. If you saturate the color by 10%, you get 134, 255, 156, and if you desaturate by 10%, it is 186, 255, 198.

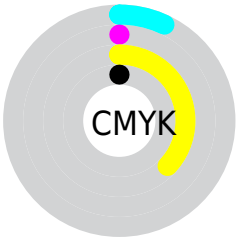
Distribution



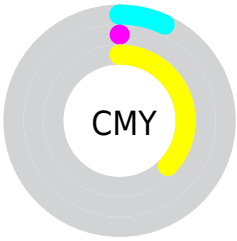
- Red (93%)
- Green (100%)
- Blue (63%)



- Red (63%)
- Yellow (100%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 255, 177 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 160, 255, 177 by changing the saturation by 10% instead.

160, 255, 177

255, 255, 255

216, 255, 216

245, 255, 245

160, 255, 177

133, 226, 150

107, 198, 124

81, 171, 99

56, 144, 74

31, 119, 50

0, 94, 20

0, 70, 20

0, 48, 23

0, 29, 29

160, 255, 177

134, 255, 156

109, 255, 135

84, 255, 115

58, 255, 93

33, 255, 73

7, 255, 51

0, 255, 46

160, 255, 177

186, 255, 198

211, 255, 219

237, 255, 240

255, 255, 255

Harmonies

Analogous

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

171, 255, 153

160, 255, 177

184, 249, 255

Triad

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

160, 255, 177

88, 172, 255

255, 211, 255

Complementary

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

160, 255, 177

177, 160, 255

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, 221, 255

160, 255, 177

165, 209, 255

Square

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

160, 255, 177

67, 161, 255

240, 237, 255

255, 213, 210

Rectangle

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

160, 255, 177

144, 210, 255

240, 237, 255

255, 213, 255

Sweetspot

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

160, 255, 177

227, 255, 232

255, 179, 160

111, 128, 114

0, 0, 0

128, 128, 128

Same Dimension

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

160, 255, 177

140, 255, 161

160, 255, 223

115, 128, 118

0, 191, 34

0, 64, 12

Inverse Universe

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

177, 160, 255

161, 140, 255

223, 160, 255

117, 115, 128

34, 0, 191

11, 0, 64

Previews

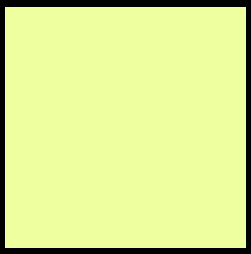
White Background

This preview shows how the RYB color 160, 255, 177 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



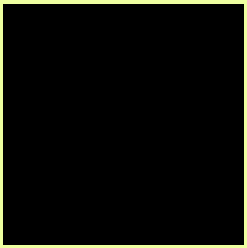
This preview shows how the RYB color 160, 255, 177 looks on a black background.

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 160, 255, 177 Background



This preview shows how black text looks on a background with the RYB color 160, 255, 177.

This preview shows how white text looks on a background with the RYB color 160, 255, 177.

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
160, 255, 177

Protanopia
227, 255, 215

Deuteranopia
255, 253, 234

Tritanopia
249, 244, 255

Trichromacy

Original Color
160, 255, 177

Protanomaly
195, 249, 195

Deuteranomaly
208, 249, 207

Tritanomaly
220, 248, 223

Monochromacy

Original Color
160, 255, 177

Achromatopsia
239, 239, 239

Achromatomaly
210, 245, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 255, 177 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(238, 255, 160) looks like.

```
.text, #text, p{
    color:rgb(238, 255, 160)
}
```

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(238, 255, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 160) }
```

Border

The CSS property to change the border of an element to RYB 160, 255, 177 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(238, 255, 160) }
```

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

```
.border{ border-color:rgb(238, 255, 160) }
```

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

Here you see how a box with a 4 pixel rgb(238, 255, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 255, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 255, 160); box-shadow:4px 4px 4px 4px rgb(238, 255, 160) }
```

Background

The CSS property to change the background color of an element to RYB 160, 255, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(238, 255, 160) }
```

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

```
.background{ background-color:rgb(238,
255, 160) }
```

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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