Converting Colors

RYB(173, 225, 190)

Have a look what the booklet for RYB(173, 225, 190) contains.

RYB(173, 225, 190) 3
Conversions 4
Details 6
Harmonies 11
Previews 23
Color Blindness Simulation 26
CSS Examples 29

Color

RYB(173, 225, 190)

Conversions

Conversions Part 1

Format	Color
Hex	D0E1AD
RGB	208, 225, 173
RGB Percent	82%, 88%, 68%
CMY	0.1843, 0.1176, 0.3216
CMYK	0.08, 0.00, 0.23, 0.12
HSL	80°, 46%, 78%
HSV	80°, 23%, 88%
XYZ	60.4805, 70.2775, 49.9124
YIQ	213.9890, 6.5600, -19.7760

Conversions

Conversions Part 2

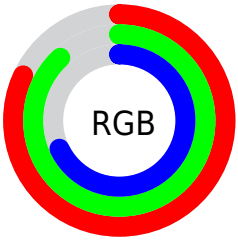
Format	Color
RYB	173, 225, 190
Decimal	13689261
CIELab	87.13, -14.48, 23.61
CIELCh	87, 27.691, 121.523
Yxy	70.2775, 0.3348, 0.3890
Android (android.graphics.Color)	4291879341 (0xFFD0E1AD)
YUV	213.9890, -20.2076, -5.2524
Hunter-Lab	83.8316, -17.9263, 23.3816

Details

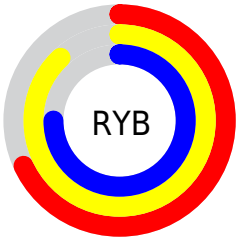
The RYB color 173, 225, 190 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 190, 173, 225, and the grayscale version is 214, 214, 214.

A 20% lighter version of the original color is 229, 255, 229, and 120, 170, 137 is the 20% darker color. If you saturate the color by 10%, you get 151, 225, 175, and if you desaturate by 10%, it is 196, 225, 206.

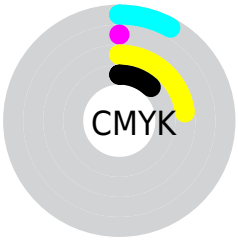
Distribution



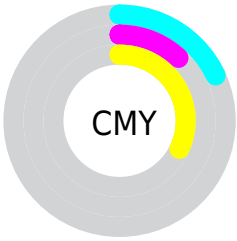
- Red (82%)
- Green (88%)
- Blue (68%)



- Red (68%)
- Yellow (88%)
- Blue (75%)



- Cyan (8%)
- Magenta (0%)
- Yellow (23%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 225, 190 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 173, 225, 190 by changing the saturation by 10% instead.

173, 225, 190

255, 255, 255

229, 255, 229

173, 225, 190

146, 197, 163

120, 170, 137

95, 143, 111

71, 118, 87

48, 93, 64

26, 69, 41

2, 47, 17

0, 27, 25

0, 0, 0

173, 225, 190

151, 225, 175

128, 225, 160

106, 225, 145

83, 225, 129

61, 225, 115

38, 225, 99

16, 225, 84

0, 225, 74

173, 225, 190

196, 225, 206

218, 225, 220

230, 225, 241

237, 225, 255

245, 225, 255

252, 225, 255

255, 225, 255

Harmonies

Analogous

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

194, 237, 166

173, 225, 190

178, 220, 231

Triad

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

173, 225, 190

157, 198, 255

255, 199, 218

Complementary

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

173, 225, 190

190, 173, 225

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.

254, 203, 244

173, 225, 190

189, 210, 255

Square

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

173, 225, 190

143, 191, 245

224, 211, 255

255, 203, 192

Rectangle

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

173, 225, 190

160, 203, 233

224, 211, 255

255, 200, 227

Sweetspot

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

173, 225, 190

237, 255, 243

225, 196, 173

117, 128, 121

0, 0, 0

128, 128, 128

Same Dimension

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

173, 225, 190

184, 255, 207

173, 225, 215

101, 112, 104

0, 176, 58

0, 48, 15

Inverse Universe

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

190, 173, 225

207, 184, 255

215, 173, 225

105, 101, 112

58, 0, 176

16, 0, 48

Previews

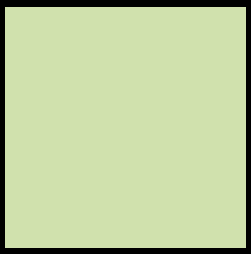
White Background

This preview shows how the RYB color 173, 225, 190 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



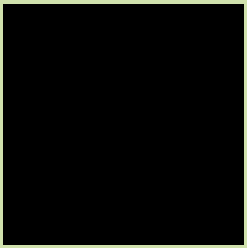
This preview shows how the RYB color 173, 225, 190 looks on a black background.

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 173, 225, 190 Background



This preview shows how black text looks on a background with the RYB color 173, 225, 190.

This preview shows how white text looks on a background with the RYB color 173, 225, 190.

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
173, 225, 190

Protanopia
188, 232, 170

Deuteranopia
253, 234, 176

Tritanopia
217, 217, 234

Trichromacy

Original Color
173, 225, 190

Protanomaly
173, 223, 171

Deuteranomaly
209, 237, 175

Tritanomaly
212, 220, 218

Monochromacy

Original Color
173, 225, 190

Achromatopsia
214, 214, 214

Achromatomaly
199, 218, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 225, 190 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(208, 225, 173) looks like.

```
.text, #text, p{
    color:rgb(208, 225, 173)
}
```

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(208, 225, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 225, 173) }
```

Border

The CSS property to change the border of an element to RYB 173, 225, 190 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(208, 225, 173) }
```

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

```
.border{ border-color:rgb(208, 225, 173) }
```

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

Here you see how a box with a 4 pixel rgb(208, 225, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 225, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 225, 173); box-shadow:4px 4px 4px 4px rgb(208, 225, 173) }
```

Background

The CSS property to change the background color of an element to RYB 173, 225, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(208, 225, 173) }
```

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

```
.background{ background-color:rgb(208,
225, 173) }
```

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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