

Converting Colors

`RYB(177, 242, 208)`

Have a look what the booklet for
RYB(177, 242, 208) contains.

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Color

R_YB(177, 242, 208)

Conversions

Conversions Part 1

Format	Color
Hex	D3F2B1
RGB	211, 242, 177
RGB Percent	83%, 95%, 69%
CMY	0.1725, 0.0510, 0.3059
CMYK	0.13, 0.00, 0.27, 0.05
HSL	89°, 71%, 82%
HSV	89°, 27%, 95%
XYZ	66.5519, 80.5275, 53.6307
YIQ	225.3210, 2.3890, -26.7870

Conversions

Conversions Part 2

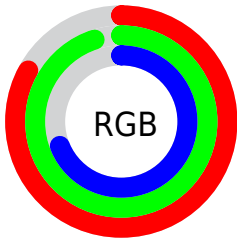
Format	Color
RYB	177, 242, 208
Decimal	13890225
CIELab	91.92, -21.18, 28.12
CIElCh	92, 35.208, 126.988
Yxy	80.5275, 0.3316, 0.4012
Android (android.graphics.Color)	4292080305 (0xFFD3F2B1)
YUV	225.3210, -23.8223, -12.5595
Hunter-Lab	89.7371, -24.6586, 27.3818

Details

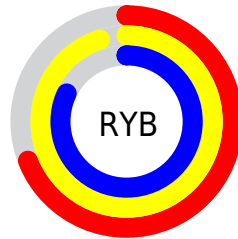
The RYB color **177, 242, 208** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **208, 177, 242**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **233, 255, 233**, and **124, 186, 154** is the 20% darker color. If you saturate the color by 10%, you get **153, 242, 196**, and if you desaturate by 10%, it is **201, 242, 220**.

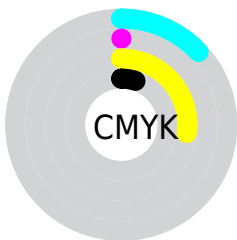
Distribution



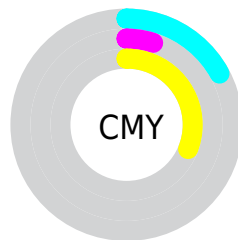
- Red (83%)
- Green (95%)
- Blue (69%)



- Red (69%)
- Yellow (95%)
- Blue (82%)



- Cyan (13%)
- Magenta (0%)
- Yellow (27%)
- Black (5%)



- Cyan (17%)
- Magenta (5%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 242, 208 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 177, 242, 208 by changing the saturation by 10% instead.

■ 177, 242, 208

255, 255, 255

■ 233, 255, 233

■ 177, 242, 208

■ 150, 214, 181

■ 124, 186, 154

■ 99, 159, 129

■ 74, 133, 103

■ 51, 107, 79

■ 28, 83, 56

■ 4, 60, 33

■ 0, 38, 30

■ 0, 13, 13

■ 177, 242, 208

■ 177, 242, 208

■ 153, 242, 196

■ 201, 242, 220

■ 129, 242, 183

■ 225, 242, 233

■ 104, 242, 170

■ 246, 242, 250

■ 80, 242, 157

■ 255, 242, 255

■ 56, 242, 145

■ 32, 242, 132

■ 8, 242, 120

■ 0, 242, 115

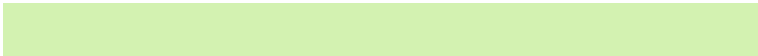
Harmonies

Analogous

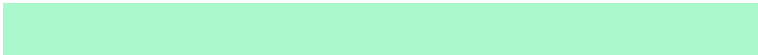
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



184, 248, 164



177, 242, 208



172, 225, 248

Triad

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



177, 242, 208



154, 201, 255



255, 207, 225

Complementary

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



177, 242, 208



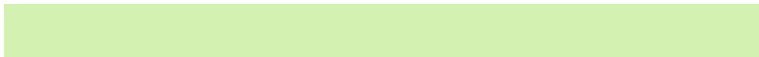
208, 177, 242

Split Complementary

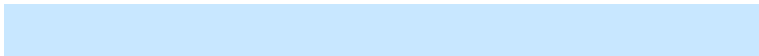
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 211, 255



177, 242, 208



200, 220, 255

Square

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



177, 242, 208



128, 190, 255



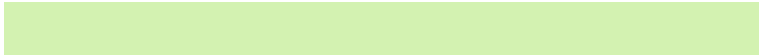
247, 220, 255



255, 218, 193

Rectangle

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



177, 242, 208



148, 205, 250



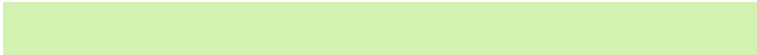
247, 220, 255



255, 207, 237

Sweetspot

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



177, 242, 208



235, 255, 245



242, 233, 177



115, 128, 122



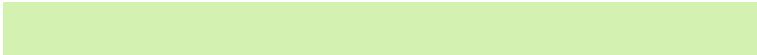
0, 0, 0



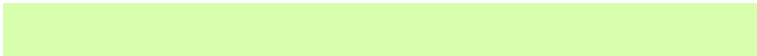
128, 128, 128

Same Dimension

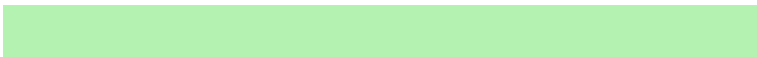
The Same Dimension uses a secret algorithm to generate beautiful new colors.



177, 242, 208



173, 255, 212



177, 242, 240



108, 120, 114



0, 184, 88



0, 56, 27

Inverse Universe

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



208, 177, 242



212, 173, 255



240, 177, 242



114, 108, 120



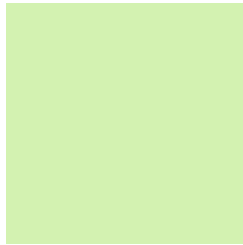
88, 0, 184



27, 0, 56

Previews

White Background



This preview shows how the RYB color 177, 242, 208 looks on a white background.

Color Contrast Check

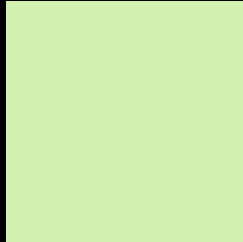
Large Text (above 18pt) WCAG AA × Fail

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 177, 242, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

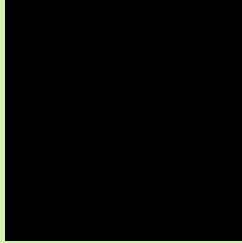
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

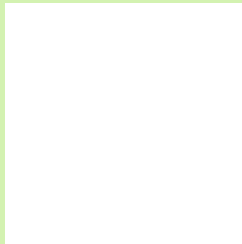
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 177, 242, 208 Background



This preview shows how black text looks on a background with the RYB color 177, 242, 208.



This preview shows how white text looks on a background with the RYB color 177, 242, 208.

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





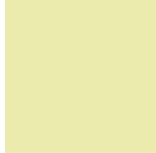
Tritanopia
222, 229, 251

Trichromacy



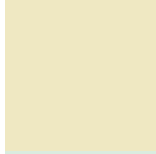
Original Color

177, 242, 208



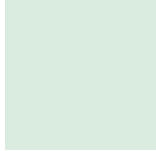
Protanomaly

174, 235, 174



Deuteranomaly

202, 239, 194



Tritanomaly

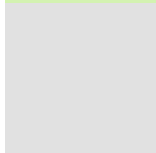
218, 232, 236

Monochromacy



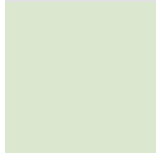
Original Color

177, 242, 208



Achromatopsia

225, 225, 225



Achromatomaly

208, 231, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 242, 208 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(211, 242, 177)` looks like.

```
.text, #text, p{  
    color:rgb(211, 242, 177)  
}
```

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(211, 242, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 242, 177) }
```

Border

The CSS property to change the border of an element to RYB 177, 242, 208 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(211, 242, 177) }
```

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

```
.border{ border-color:rgb(211, 242, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 242, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 242, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 242, 177); box-shadow:4px 4px 4px 4px rgb(211, 242, 177) }
```

Background

The CSS property to change the background color of an element to RYB 177, 242, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 242, 177) }
```

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

```
.background{ background-color: rgb(211,  
242, 177) }
```

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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