Converting Colors

RGB(29, 205, 141)

Have a look what the booklet for RGB(29, 205, 141) contains.

Color

RGB(29, 205, 141)

Conversions

Conversions Part 1

Format	Color
Hex	1DCD8D
RGB	29, 205, 141
RGB Percent	11%, 80%, 55%
CMY	0.8863, 0.1961, 0.4471
CMYK	0.86, 0.00, 0.31, 0.20
HSL	158°, 75%, 46%
HSV	158°, 86%, 80%
XYZ	27.1457, 45.8469, 32.6179
YIQ	145.0800, -84.3520, -57.2160

Conversions

Conversions Part 2

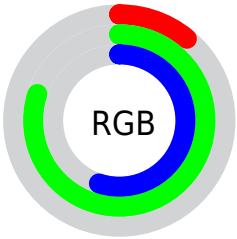
Format	Color
RYB	29, 137, 205
Decimal	1953165
CIELab	73.45, -56.27, 20.40
CIELCh	73, 59.851, 160.077
Yxy	45.8469, 0.2570, 0.4341
Android (android.graphics.Color)	4280143245 (0xFF1DCD8D)
YUV	145.0800, -2.0114, -101.8022
Hunter-Lab	67.7104, -46.9308, 18.8357

Details

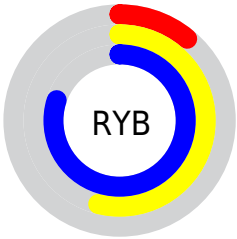
The RGB color 29, 205, 141 is a dark color, and the websafe version is hex 00CC99. The color can be described as dark washed spring green. A complement of this color would be 205, 29, 93, and the grayscale version is 145, 145, 145.

A 20% lighter version of the original color is 109, 255, 195, and 0, 149, 90 is the 20% darker color. If you saturate the color by 10%, you get 8, 205, 134, and if you desaturate by 10%, it is 50, 205, 148.

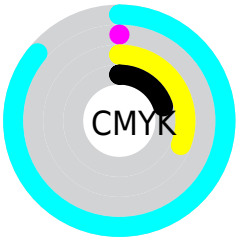
Distribution



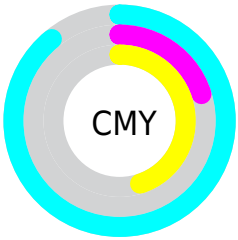
- Red (11%)
- Green (80%)
- Blue (55%)



- Red (11%)
- Yellow (54%)
- Blue (80%)



- Cyan (86%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)



- Cyan (89%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 29, 205, 141 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 RGB color 29, 205, 141 by changing the saturation by 10% instead.

29, 205, 141

255, 255, 255

109, 255, 195

141, 255, 223

171, 255, 252

202, 255, 255

233, 255, 255

29, 205, 141

0, 177, 115

0, 149, 90

0, 123, 67

0, 97, 44

0, 71, 22

0, 49, 0

0, 20, 0

0, 0, 0

29, 205, 141

29, 205, 141

8, 205, 134

0, 205, 130

50, 205, 148

70, 205, 156

90, 205, 163

111, 205, 171

132, 205, 178

152, 205, 186

173, 205, 193

193, 205, 201

214, 205, 208

Harmonies

Analogous

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

134, 197, 92

29, 205, 141

0, 208, 198

Triad

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

29, 205, 141

114, 180, 255

255, 144, 112

Complementary

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

29, 205, 141

205, 29, 93

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, 132, 164

29, 205, 141

208, 158, 255

Square

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

29, 205, 141

0, 196, 255

255, 138, 219

241, 164, 75

Rectangle

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

29, 205, 141

0, 207, 234

255, 138, 219

255, 138, 128

Sweetspot

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

29, 205, 141

189, 255, 231

94, 205, 29

88, 128, 113

0, 0, 0

128, 128, 128

Same Dimension

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

29, 205, 141

0, 255, 162

29, 182, 205

92, 102, 98

0, 166, 105

0, 38, 24

Inverse Universe

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

205, 29, 93

255, 0, 93

205, 52, 29

102, 92, 96

166, 0, 60

38, 0, 14

Previews

White Background

This preview shows how the RGB color 29, 205, 141 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 RGB color 29, 205, 141 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.

RGB 29, 205, 141 Background

This preview shows how black text looks on a background with the RGB color 29, 205, 141.

This preview shows how white text looks on a background with the RGB color 29, 205, 141.

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
29, 205, 141

Protanopia
192, 179, 129

Deuteranopia
207, 172, 148

Tritanopia
74, 196, 212

Trichromacy

Original Color
29, 205, 141

Protanomaly
133, 188, 133

Deuteranomaly
142, 184, 145

Tritanomaly
58, 199, 186

Monochromacy

Original Color
29, 205, 141

Achromatopsia
145, 145, 145

Achromatomaly
103, 167, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 29, 205, 141 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(29, 205, 141) looks like.

```
.text, #text, p{
    color:rgb(29, 205, 141)
}
```

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(29, 205, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 205, 141) }
```

Border

The CSS property to change the border of an element to RGB 29, 205, 141 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(29, 205, 141) }
```

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

```
.border{ border-color:rgb(29, 205, 141) }
```

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

Here you see how a box with a 4 pixel rgb(29, 205, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(29, 205, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(29, 205, 141); box-shadow:4px 4px 4px 4px rgb(29, 205, 141) }
```

Background

The CSS property to change the background color of an element to RGB 29, 205, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(29, 205, 141) }
```

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

```
.background{ background-color:rgb(29, 205, 141) }
```

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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