

Converting Colors

`RYB(28, 194, 224)`

Have a look what the booklet for
RYB(28, 194, 224) contains.

RYB(28, 194, 224)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(28, 194, 224)$

Conversions

Conversions Part 1

Format	Color
Hex	1CE03F
RGB	28, 224, 63
RGB Percent	11%, 88%, 25%
CMY	0.8902, 0.1216, 0.7513
CMYK	0.87, 0.00, 0.72, 0.12
HSL	131°, 78%, 49%
HSV	131°, 87%, 88%
XYZ	28.0436, 53.9218, 13.6946
YIQ	147.0420, -65.1350, -91.6230

Conversions

Conversions Part 2

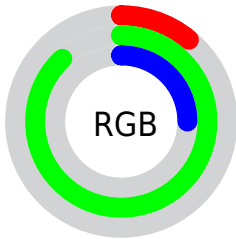
Format	Color
R_{YB}	28, 194, 224
Decimal	1892415
CIE _{Lab}	78.42, -74.10, 62.58
CIE _{LCh}	78, 96.991, 139.818
Yxy	53.9218, 0.2932, 0.5637
Android (android.graphics.Color)	4280082495 (0xFF1CE03F)
YUV	147.0420, -41.4327, -104.3998
Hunter-Lab	73.4315, -60.3357, 40.3448

Details

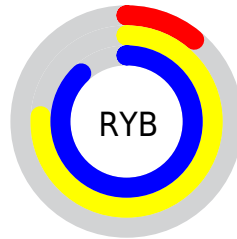
The RYB color **28, 194, 224** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **224, 28, 189**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **115, 251, 255**, and **0, 167, 167** is the 20% darker color. If you saturate the color by 10%, you get **6, 191, 224**, and if you desaturate by 10%, it is **50, 197, 224**.

Distribution



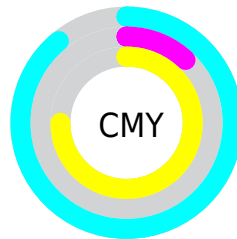
- Red (11%)
- Green (88%)
- Blue (25%)



- Red (11%)
- Yellow (76%)
- Blue (88%)



- Cyan (87%)
- Magenta (0%)
- Yellow (72%)
- Black (12%)



- Cyan (89%)
- Magenta (12%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the RYB color 28, 194, 224 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 28, 194, 224 by changing the saturation by 10% instead.



28, 194, 224



28, 194, 224

255, 255, 255



0, 168, 195



115, 250, 255



0, 167, 167



148, 255, 255



0, 139, 139



176, 255, 251



0, 112, 112



205, 255, 248



0, 86, 86



234, 255, 246



0, 62, 62



0, 36, 36



0, 0, 0



28, 194, 224



28, 194, 224

■ 6, 191, 224

■ 50, 197, 224

■ 0, 190, 224

■ 73, 201, 224

■ 95, 204, 224

■ 118, 208, 224

■ 140, 211, 224

■ 162, 214, 224

■ 185, 218, 224

■ 207, 221, 224

■ 230, 224, 229

Harmonies

Analogous

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



0, 208, 32



28, 194, 224



0, 138, 232

Triad

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



28, 194, 224



0, 116, 255



255, 94, 139

Complementary

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



28, 194, 224



224, 28, 189

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, 93, 229



28, 194, 224



110, 159, 255

Square

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



28, 194, 224



0, 121, 255



255, 138, 255



255, 201, 52

Rectangle

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



28, 194, 224



0, 120, 234



255, 138, 255



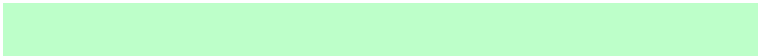
255, 86, 168

Sweetspot

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



28, 194, 224



189, 245, 255



28, 224, 61



88, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



28, 194, 224



0, 216, 255



28, 145, 224



101, 110, 112



0, 149, 176



0, 40, 48

Inverse Universe

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



224, 28, 189



255, 0, 209



224, 28, 93



112, 101, 110



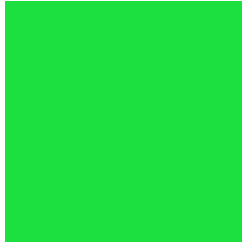
176, 0, 144



48, 0, 40

Previews

White Background



This preview shows how the RYB color 28, 194, 224 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 28, 194, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

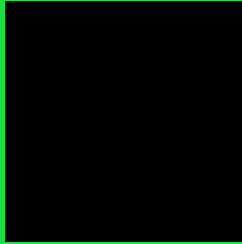
Any Text WCAG AA ✓ Pass

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 28, 194, 224 Background



This preview shows how black text looks on a background with the RGB color 28, 194, 224.

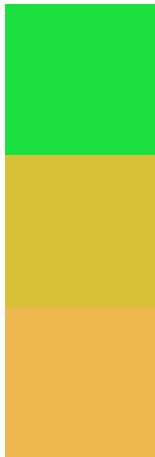


This preview shows how white text looks on a background with the RGB color 28, 194, 224.

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](#).

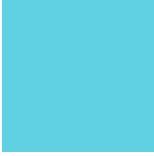
Dichromacy



Original Color
28, 194, 224

Protanopia
81, 215, 55

Deuteranopia
165, 239, 79



Tritanopia
95, 156, 226

Trichromacy



Original Color

28, 194, 224



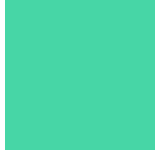
Protanomaly

58, 204, 115



Deuteranomaly

73, 198, 109



Tritanomaly

71, 157, 214

Monochromacy



Original Color

28, 194, 224



Achromatopsia

147, 147, 147



Achromatomaly

104, 164, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 28, 194, 224 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(28, 224, 63)` looks like.

```
.text, #text, p{  
    color:rgb(28, 224, 63)  
}
```

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(28, 224, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 224, 63) }
```

Border

The CSS property to change the border of an element to RYB 28, 194, 224 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(28, 224, 63) }
```

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

```
.border{ border-color:rgb(28, 224, 63) }
```

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

Here you see how a box with a 4 pixel rgb(28, 224, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 224, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 224, 63);  
box-shadow:4px 4px 4px 4px rgb(28, 224,  
63) }
```

Background

The CSS property to change the background color of an element to RGB 28, 194, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 224, 63) }
```

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

```
.background{ background-color: rgb(28, 224,  
63) }
```

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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