

Converting Colors

`RYB(25, 226, 223)`

Have a look what the booklet for
RYB(25, 226, 223) contains.

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Color

R_YB(25, 226, 223)

Conversions

Conversions Part 1

Format	Color
Hex	1CE219
RGB	28, 226, 25
RGB Percent	11%, 89%, 10%
CMY	0.8902, 0.1137, 0.9020
CMYK	0.88, 0.00, 0.89, 0.11
HSL	119°, 80%, 49%
HSV	119°, 89%, 89%
XYZ	27.8507, 54.7098, 10.0119
YIQ	143.8840, -53.4870, -104.4870

Conversions

Conversions Part 2

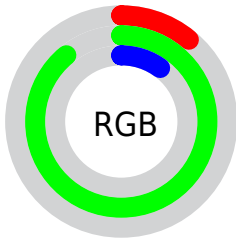
Format	Color
R _Y B	25, 226, 223
Decimal	1892889
CIE Lab	78.87, -76.84, 73.30
CIE LCh	79, 106.197, 136.348
Yxy	54.7098, 0.3009, 0.5910
Android (android.graphics.Color)	4280082969 (0xFF1CE219)
YUV	143.8840, -58.6098, -101.6303
Hunter-Lab	73.9661, -62.2293, 43.7509

Details

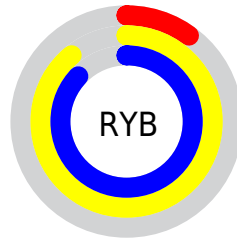
The RYB color **25, 226, 223** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **223, 25, 226**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **94, 255, 232**, and **0, 169, 169** is the 20% darker color. If you saturate the color by 10%, you get **2, 226, 222**, and if you desaturate by 10%, it is **48, 226, 224**.

Distribution



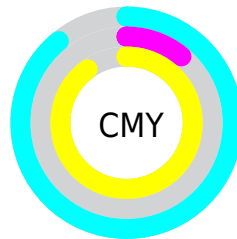
- Red (11%)
- Green (89%)
- Blue (10%)



- Red (10%)
- Yellow (89%)
- Blue (87%)



- Cyan (88%)
- Magenta (0%)
- Yellow (89%)
- Black (11%)



- Cyan (89%)
- Magenta (11%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the RYB color 25, 226, 223 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 25, 226, 223 by changing the saturation by 10% instead.



25, 226, 223



25, 226, 223

255, 255, 255



0, 197, 197



94, 255, 232



0, 169, 169



123, 255, 227



0, 141, 141



152, 255, 224



0, 114, 114



181, 255, 221



0, 88, 88



210, 255, 218



0, 63, 63



240, 255, 240



0, 37, 37



0, 0, 0



25, 226, 223



25, 226, 223

■ 2, 226, 222

■ 48, 226, 224

■ 0, 226, 223

■ 70, 226, 223

■ 93, 226, 224

■ 115, 226, 224

■ 138, 226, 225

■ 161, 226, 225

■ 183, 226, 225

■ 206, 226, 226

■ 228, 226, 228

Harmonies

Analogous

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



0, 207, 22



25, 226, 223



0, 145, 235

Triad

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



25, 226, 223



0, 118, 255



255, 68, 146

Complementary

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



25, 226, 223



223, 25, 226

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, 77, 245



25, 226, 223



0, 109, 255

Square

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



25, 226, 223



0, 122, 255



255, 139, 255



255, 171, 48

Rectangle

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



25, 226, 223



0, 125, 238



255, 139, 255



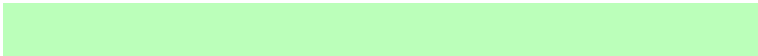
255, 58, 179

Sweetspot

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



25, 226, 223



186, 255, 254



28, 226, 25



87, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



25, 226, 223



0, 255, 251



25, 161, 226



101, 112, 112



0, 176, 173



0, 48, 47

Inverse Universe

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



223, 25, 226



251, 0, 255



226, 25, 129



112, 101, 112



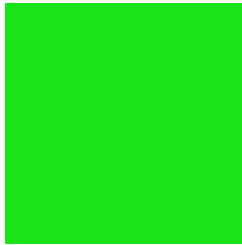
173, 0, 176



48, 0, 48

Previews

White Background



This preview shows how the RYB color 25, 226, 223 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 25, 226, 223 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 25, 226, 223 Background



This preview shows how black text looks on a background with the R Y B color 25, 226, 223.



This preview shows how white text looks on a background with the R Y B color 25, 226, 223.

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
25, 226, 223

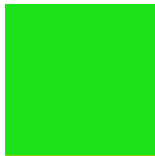
Protanopia
38, 218, 11

Deuteranopia
142, 243, 54



Tritanopia
97, 157, 227

Trichromacy



Original Color

25, 226, 223



Protanomaly

16, 206, 73



Deuteranomaly

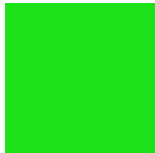
43, 199, 77



Tritanomaly

72, 164, 216

Monochromacy



Original Color

25, 226, 223



Achromatopsia

144, 144, 144



Achromatomaly

101, 174, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 25, 226, 223 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, 226, 25)` looks like.

```
.text, #text, p{  
    color:rgb(28, 226, 25)  
}
```

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, 226, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 226, 25) }
```

Border

The CSS property to change the border of an element to RYB 25, 226, 223 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, 226, 25) }
```

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

```
.border{ border-color:rgb(28, 226, 25) }
```

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

Here you see how a box with a 4 pixel rgb(28, 226, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 226, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 226, 25);  
box-shadow:4px 4px 4px 4px rgb(28, 226,  
25) }
```

Background

The CSS property to change the background color of an element to RGB 28, 226, 25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 226, 25) }
```

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

```
.background{ background-color: rgb(28, 226,  
25) }
```

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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