

Converting Colors

`RYB(25, 131, 221)`

Have a look what the booklet for
RYB(25, 131, 221) contains.

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Color

$\text{RYB}(25, 131, 221)$

Conversions

Conversions Part 1

Format	Color
Hex	19DDBF
RGB	25, 221, 191
RGB Percent	10%, 87%, 75%
CMY	0.9020, 0.1333, 0.2494
CMYK	0.89, 0.00, 0.13, 0.13
HSL	171°, 80%, 48%
HSV	171°, 89%, 87%
XYZ	35.7071, 55.6995, 58.3992
YIQ	158.9760, -107.1860, -50.8820

Conversions

Conversions Part 2

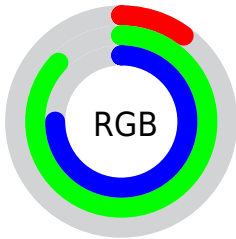
Format	Color
RYB	25, 131, 221
Decimal	1695167
CIELab	79.44, -50.61, 2.06
CIELCh	79, 50.652, 177.670
Yxy	55.6995, 0.2384, 0.3718
Android (android.graphics.Color)	4279885247 (0xFF19DDBF)
YUV	158.9760, 15.7878, -117.4970
Hunter-Lab	74.6321, -45.2043, 5.8484

Details

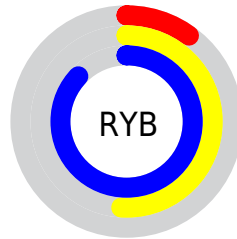
The RYB color **25, 131, 221** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **221, 25, 55**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **113, 186, 255**, and **0, 90, 165** is the 20% darker color. If you saturate the color by 10%, you get **3, 121, 221**, and if you desaturate by 10%, it is **47, 141, 221**.

Distribution



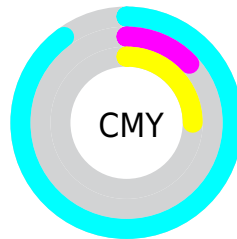
- Red (10%)
- Green (87%)
- Blue (75%)



- Red (10%)
- Yellow (51%)
- Blue (87%)



- Cyan (89%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)





- Cyan (90%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 25, 131, 221 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, 131, 221 by changing the saturation by 10% instead.

 25, 131, 221

 25, 131, 221

255, 255, 255

 0, 104, 193

 114, 186, 255

 0, 90, 165

 146, 201, 255

 0, 76, 138

 178, 217, 255

 0, 62, 111

 210, 233, 255


 0, 49, 86


 241, 248, 255

 0, 36, 61

 0, 25, 39

 0, 0, 0

 25, 131, 221

 25, 131, 221

■ 3, 121, 221

■ 47, 141, 221

■ 0, 119, 221

■ 69, 151, 221

■ 91, 161, 221

■ 113, 171, 221

■ 135, 182, 221

■ 158, 192, 221

■ 180, 202, 221

■ 202, 212, 221

■ 224, 221, 221

Harmonies

Analogous

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



124, 200, 217



25, 131, 221



0, 115, 239

Triad

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



25, 131, 221



195, 186, 255



255, 219, 118

Complementary

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



25, 131, 221



221, 25, 55

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, 162, 156



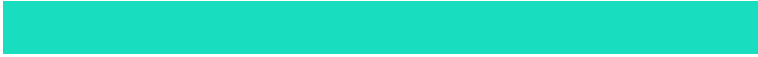
25, 131, 221



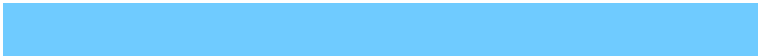
252, 169, 248

Square

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



25, 131, 221



111, 167, 255



255, 159, 202



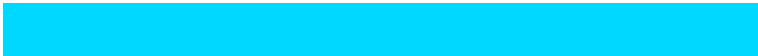
151, 229, 101

Rectangle

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



25, 131, 221



0, 117, 255



255, 159, 202



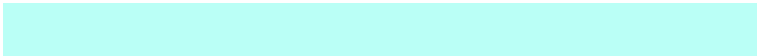
255, 192, 129

Sweetspot

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



25, 131, 221



186, 223, 255



25, 221, 188



87, 109, 128



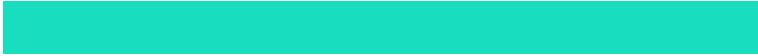
0, 0, 0



128, 128, 128

Same Dimension

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



25, 131, 221



0, 138, 255



25, 104, 221



99, 105, 110



0, 94, 173



0, 25, 46

Inverse Universe

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



221, 25, 55



255, 0, 38



221, 122, 25



110, 99, 100



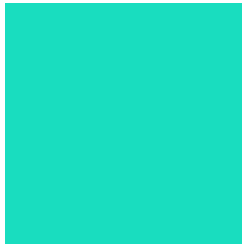
173, 0, 26



46, 0, 7

Previews

White Background



This preview shows how the RYB color 25, 131, 221 looks on a white background.

Color Contrast Check

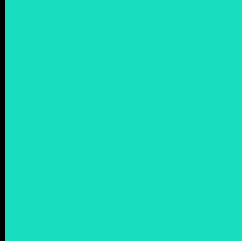
Large Text (above 18pt) WCAG AA × Fail

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, 131, 221 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

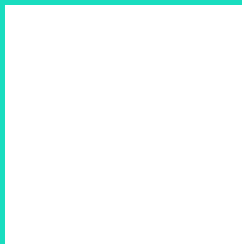
Any Text WCAG AAA ✓ Pass

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

RYB 25, 131, 221 Background



This preview shows how black text looks on a background with the RYB color 25, 131, 221.

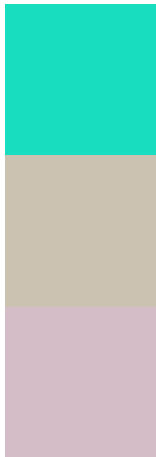


This preview shows how white text looks on a background with the RYB color 25, 131, 221.

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](#).

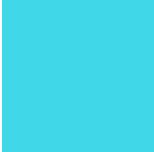
Dichromacy



Original Color
25, 131, 221

Protanopia
191, 203, 177

Deuteranopia
212, 189, 198



Tritanopia
64, 144, 233

Trichromacy



Original Color

25, 131, 221



Protanomaly

138, 178, 204



Deuteranomaly

144, 174, 201



Tritanomaly

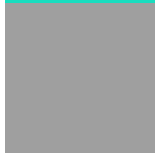
50, 134, 218

Monochromacy



Original Color

25, 131, 221



Achromatopsia

159, 159, 159



Achromatomaly

110, 149, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 25, 131, 221 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(25, 221, 191)` looks like.

```
.text, #text, p{  
    color:rgb(25, 221, 191)  
}
```

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(25, 221, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 221, 191) }
```

Border

The CSS property to change the border of an element to RYB 25, 131, 221 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(25, 221, 191) }
```

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

```
.border{ border-color:rgb(25, 221, 191) }
```

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

Here you see how a box with a 4 pixel rgb(25, 221, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 221, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 221, 191);  
box-shadow:4px 4px 4px 4px rgb(25, 221,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 25, 131, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 221, 191) }
```

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

```
.background{ background-color: rgb(25, 221,  
191) }
```

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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