

Converting Colors

CIELCh(65, 13.211, 53.025)

Have a look what the booklet for
CIELCh(65, 13.211, 53.025) contains.

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Color

CIELCh(65, 13.211, 53.025)

Conversions

Conversions Part 1

Format	Color
Hex	B3988B
RGB	179, 152, 139
RGB Percent	70%, 60%, 55%
CMY	0.2968, 0.4027, 0.4537
CMYK	0.00, 0.15, 0.22, 0.30
HSL	20°, 21%, 62%
HSV	20°, 22%, 70%
XYZ	34.6210, 34.0472, 29.2859
YIQ	158.5910, 20.2650, 1.6810

Conversions

Conversions Part 2

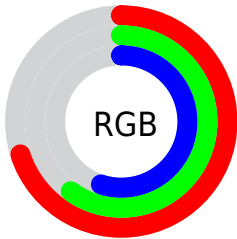
Format	Color
RYB	179, 158, 139
Decimal	11769995
CIELab	65.00, 7.95, 10.55
CIElCh	65, 13.211, 53.025
Yxy	34.0472, 0.3534, 0.3476
Android (android.graphics.Color)	4289960075 (0xFFB3988B)
YUV	158.5910, -9.6584, 17.8987
Hunter-Lab	58.3500, 3.7976, 11.0873

Details

The CIELCh color $65, 13.211, 53.025$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $67, 11.703, 236.906$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 13.312, 53.336$, and $45, 13.332, 52.564$ is the 20% darker color. If you saturate the color by 10%, you get $62, 19.854, 52.421$, and if you desaturate by 10%, it is $69, 7.030, 53.696$.

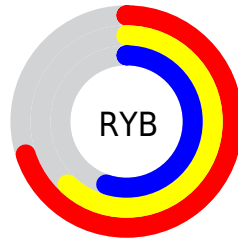
Distribution



Red (70%)

Green (60%)

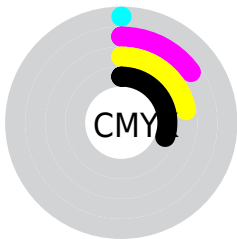
Blue (55%)



Red (70%)

Yellow (62%)

Blue (55%)

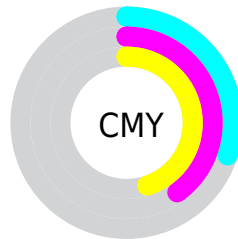


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (30%)



Cyan (30%)

Magenta (40%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 13.211, 53.025 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 CIELCh color 65, 13.211, 53.025 by changing the saturation by 10% instead.

■ 65, 13.211, 53.025

■ 65, 13.211, 53.025

■ 100, 13.211,
53.025

■ 55, 13.211, 53.025

■ 85, 13.211, 53.025

■ 45, 13.211, 53.025

■ 95, 13.211, 53.025

■ 35, 13.211, 53.025

■ 25, 13.211, 53.025

■ 15, 13.211, 53.025

■ 5, 13.211, 53.025

■ 0, 13.211, 53.025

■ 65, 13.211, 53.025

■ 65, 13.211, 53.025

■ 62, 19.854, 52.421

■ 69, 7.030, 53.696

58, 26.988, 51.884

72, 1.274, 54.142

55, 34.614, 51.442

76, 4.102, 235.377

52, 42.682, 51.092

80, 9.139, 236.099

49, 51.035, 50.789

83, 13.879,
236.871

46, 59.298, 50.393

87, 18.357,
237.647

44, 66.669, 49.567

91, 20.302,
225.926

42, 71.553, 48.764

94, 22.387,
205.890

95, 24.182,
197.926

Harmonies

Complementary

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



65, 13.211, 53.025



67, 11.703, 236.906

Rectangle

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



65, 13.211, 53.025



65, 13.211, 103.025



65, 13.211, 233.025



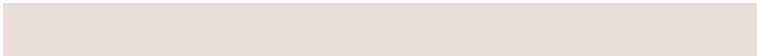
65, 13.211, 283.025

Sweetspot

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



65, 13.211, 53.035



89, 4.835, 54.026



62, 21.544, 336.546



47, 3.174, 53.991



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 13.211, 53.035



80, 20.088, 52.711



70, 18.002, 98.869



36, 3.186, 53.892



36, 63.361, 49.209



4, 7.588, 45.536

Inverse Universe

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



67, 11.703, 236.906



83, 17.242, 237.581



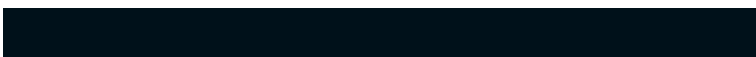
61, 18.502, 284.275



36, 3.042, 235.546



41, 34.589, 259.822



4, 7.688, 247.634

Previews

White Background



This preview shows how the CIELCh color 65, 13.211, 53.025 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 CIE LCh color 65, 13.211, 53.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

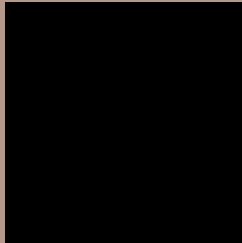
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 13.211, 53.025

Background



This preview shows how black text looks on a background with the CIELCh color 65, 13.211, 53.025.



This preview shows how white text looks on a background with the CIELCh color 65, 13.211, 53.025.

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

65, 13.211, 53.025

Protanopia

65, 8.752, 90.664

Deuteranopia

65, 13.564, 52.089



Tritanopia
65, 14.410, 353.435

Trichromacy



Original Color
65, 13.211, 53.025

Protanomaly
65, 9.838, 71.478

Deuteranomaly
65, 13.564, 52.089

Tritanomaly
65, 12.349, 12.888

Monochromacy



Original Color
65, 13.211, 53.025

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.461, 57.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 13.211, 53.025 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(179, 152, 139)` looks like.

```
.text, #text, p{  
    color:rgb(179, 152, 139)  
}
```

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(179, 152, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 152, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 13.211, 53.025 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(179, 152, 139) }
```

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

```
.border{ border-color:rgb(179, 152, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 152, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 152, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 152, 139); box-shadow:4px 4px 4px 4px rgb(179, 152, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 13.211, 53.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 152, 139) }
```

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

```
.background{ background-color: rgb(179,  
152, 139) }
```

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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