

Converting Colors

CIELCh(66, 14.711, 6.620)

Have a look what the booklet for
CIELCh(66, 14.711, 6.620) contains.

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Color

CIELCh(66, 15.005, 6.023)

Conversions

Conversions Part 1

Format	Color
Hex	BC979E
RGB	188, 151, 158
RGB Percent	74%, 59%, 62%
CMY	0.2625, 0.4076, 0.3801
CMYK	0.00, 0.20, 0.16, 0.26
HSL	349°, 22%, 66%
HSV	349°, 20%, 74%
XYZ	38.0087, 35.3238, 37.1909
YIQ	162.8610, 19.8050, 10.0210

Conversions

Conversions Part 2

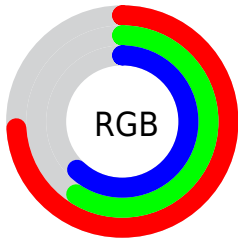
Format	Color
RYB	188, 151, 158
Decimal	12359582
CIELab	66.00, 14.92, 1.57
CIElCh	66, 15.005, 6.023
Yxy	35.3238, 0.3439, 0.3196
Android (android.graphics.Color)	4290549662 (0xFFBC979E)
YUV	162.8610, -2.3965, 22.0469
Hunter-Lab	59.4338, 10.1437, 4.5028

Details

The CIELCh color **66, 15.005, 6.023** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73, 13.832, 182.363**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 15.363, 4.844**, and **46, 14.915, 5.388** is the 20% darker color. If you saturate the color by 10%, you get **61, 23.170, 7.334**, and if you desaturate by 10%, it is **71, 7.187, 4.912**.

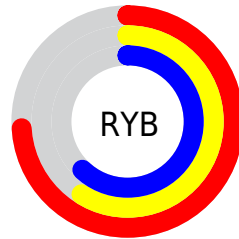
Distribution



Red (74%)

Green (59%)

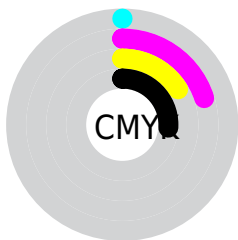
Blue (62%)



Red (74%)

Yellow (59%)

Blue (62%)

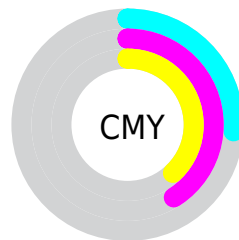


Cyan (0%)

Magenta (20%)

Yellow (16%)

Black (26%)



Cyan (26%)

Magenta (41%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 15.005, 6.023 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 66, 15.005, 6.023 by changing the saturation by 10% instead.

 66, 15.005, 6.023

 66, 15.005, 6.023

 100, 15.005, 6.023

 56, 15.005, 6.023

 86, 15.005, 6.023

 46, 15.005, 6.023

 96, 15.005, 6.023

 36, 15.005, 6.023

 26, 15.005, 6.023

 16, 15.005, 6.023

 6, 15.005, 6.023

 0, 15.005, 6.023

 66, 15.005, 6.023

 66, 15.005, 6.023

 61, 23.170, 7.334

 71, 7.187, 4.912

■ 56, 31.583, 8.918

■ 76, 0.233, 186.167

■ 52, 40.061, 10.881

■ 82, 7.247, 183.335

■ 48, 48.338, 13.349

■ 87, 13.870,
182.608

■ 45, 56.094, 16.471

■ 93, 20.129,
181.982

■ 42, 63.042, 20.379

■ 40, 69.043, 25.090

■ 96, 22.152,
190.759

■ 39, 74.326, 30.180

■ 96, 21.668,
198.083

■ 39, 74.502, 30.333

Harmonies

Complementary

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



66, 15.005, 6.023



73, 13.832, 182.363

Rectangle

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



66, 15.005, 6.023



66, 15.005, 56.023



66, 15.005, 186.023



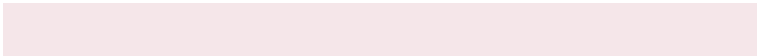
66, 15.005, 236.023

Sweetspot

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



66, 15.003, 6.028



93, 5.470, 4.526



66, 23.236, 319.670



49, 3.633, 4.598



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



66, 15.003, 6.028



81, 22.938, 6.616



69, 12.041, 50.303



37, 4.218, 4.878



33, 65.072, 29.555



3, 12.503, 8.649

Inverse Universe

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



66, 15.003, 6.028



81, 22.938, 6.616



71, 10.766, 233.271



37, 4.218, 4.878



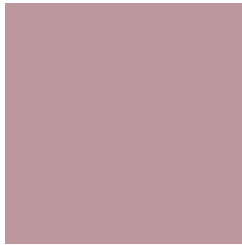
33, 65.072, 29.555



3, 12.503, 8.649

Previews

White Background



This preview shows how the CIELCh color 66, 15.005, 6.023 looks on a white background.

Color Contrast Check

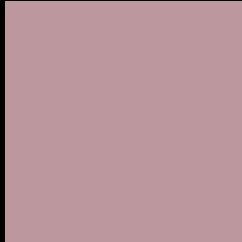
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 66, 15.005, 6.023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

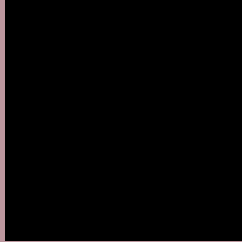
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 15.005, 6.023

Background



This preview shows how black text looks on a background with the CIELCh color 66, 15.005, 6.023.



This preview shows how white text looks on a background with the CIELCh color 66, 15.005, 6.023.

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

66, 15.005, 6.023

Protanopia

66, 2.032, 324.432

Deuteranopia

66, 8.660, 12.871



Tritanopia
66, 16.523, 357.504

Trichromacy



Original Color
66, 15.005, 6.023

Protanomaly
66, 6.198, 359.057

Deuteranomaly
66, 10.701, 11.525

Tritanomaly
66, 16.342, 359.306

Monochromacy



Original Color
66, 15.005, 6.023

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 5.134, 7.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 15.005, 6.023 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(188, 151, 158)` looks like.

```
.text, #text, p{  
    color:rgb(188, 151, 158)  
}
```

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(188, 151, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 151, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 15.005, 6.023 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(188, 151, 158) }
```

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

```
.border{ border-color:rgb(188, 151, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 151, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 151, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 151, 158); box-shadow:4px 4px 4px 4px rgb(188, 151, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 15.005, 6.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 151, 158) }
```

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

```
.background{ background-color: rgb(188,  
151, 158) }
```

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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