

Converting Colors

CIELCh(65, 24.793, 15.989)

Have a look what the booklet for
CIELCh(65, 24.793, 15.989) contains.

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Color

CIELCh(65, 24.770, 15.623)

Conversions

Conversions Part 1

Format	Color
Hex	CB8E93
RGB	203, 142, 147
RGB Percent	80%, 56%, 58%
CMY	0.2048, 0.4439, 0.4244
CMYK	0.00, 0.30, 0.28, 0.20
HSL	355°, 37%, 68%
HSV	355°, 30%, 80%
XYZ	39.4575, 34.0472, 32.0090
YIQ	160.8090, 34.7510, 14.4870

Conversions

Conversions Part 2

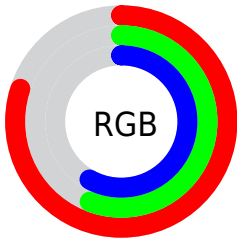
Format	Color
RYB	203, 142, 147
Decimal	13340307
CIELab	65.00, 23.85, 6.67
CIELCh	65, 24.770, 15.623
Yxy	34.0472, 0.3740, 0.3227
Android (android.graphics.Color)	4291530387 (0xFFCB8E93)
YUV	160.8090, -6.8078, 37.0015
Hunter-Lab	58.3500, 18.5932, 8.3202

Details

The CIELCh color **65, 24.770, 15.623** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **78, 20.844, 190.433**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 22.482, 14.561**, and **45, 24.609, 14.768** is the 20% darker color. If you saturate the color by 10%, you get **60, 33.954, 17.175**, and if you desaturate by 10%, it is **70, 16.014, 14.391**.

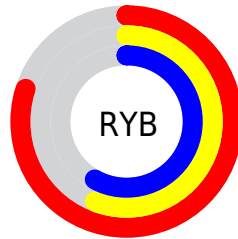
Distribution



Red (80%)

Green (56%)

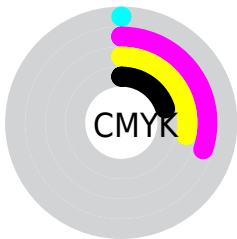
Blue (58%)



Red (80%)

Yellow (56%)

Blue (58%)

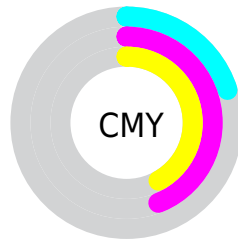


Cyan (0%)

Magenta (30%)

Yellow (28%)

Black (20%)



Cyan (20%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 24.770, 15.623 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, 24.770, 15.623 by changing the saturation by 10% instead.

65, 24.770, 15.623

65, 24.770, 15.623

100, 24.770,
15.623

55, 24.770, 15.623

85, 24.770, 15.623

45, 24.770, 15.623

95, 24.770, 15.623

35, 24.770, 15.623

25, 24.770, 15.623

15, 24.770, 15.623

5, 24.770, 15.623

0, 24.770, 15.623

65, 24.770, 15.623

65, 24.770, 15.623

60, 33.954, 17.175

70, 16.014, 14.391

■ 55, 43.417, 19.143

■ 76, 7.771, 13.369

■ 51, 52.911, 21.656

■ 82, 0.057, 3.045

■ 48, 62.127, 24.831

■ 87, 7.145, 192.036

■ 45, 70.741, 28.702

■ 93, 13.868,
191.432

■ 43, 78.406, 33.051

■ 97, 17.251,
198.362

■ 42, 84.584, 36.980

Harmonies

Complementary

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



65, 24.770, 15.623



78, 20.844, 190.433

Rectangle

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



65, 24.770, 15.623



65, 24.770, 65.623



65, 24.770, 195.623



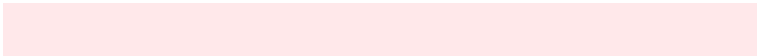
65, 24.770, 245.623

Sweetspot

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



65, 24.768, 15.627



94, 8.336, 13.277



66, 39.012, 323.649



49, 5.821, 13.419



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 24.768, 15.627



76, 36.386, 16.578



71, 20.283, 62.723



40, 4.388, 13.304



34, 72.284, 36.374



4, 17.972, 15.372

Inverse Universe

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



65, 24.768, 15.627



76, 36.386, 16.578



71, 17.862, 250.186



40, 4.388, 13.304



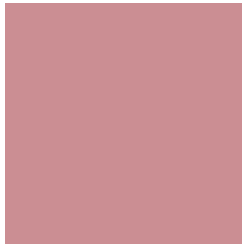
34, 72.284, 36.374



4, 17.972, 15.372

Previews

White Background



This preview shows how the CIELCh color 65, 24.770, 15.623 looks on a white background.

Color Contrast Check

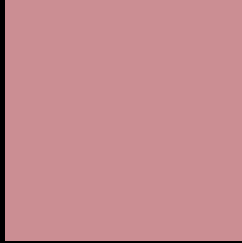
Large Text (above 18pt) WCAG AA × Fail

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, 24.770, 15.623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

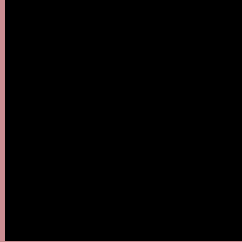
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 24.770, 15.623

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.770, 15.623.



This preview shows how white text looks on a background with the CIELCh color 65, 24.770, 15.623.

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, 24.770, 15.623

Protanopia

65, 1.888, 55.189

Deuteranopia

65, 11.165, 40.472



Tritanopia
65, 25.383, 8.367

Trichromacy



Original Color
65, 24.770, 15.623

Protanomaly
65, 9.874, 17.105

Deuteranomaly
65, 15.775, 24.873

Tritanomaly
65, 25.276, 10.829

Monochromacy



Original Color
65, 24.770, 15.623

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 8.671, 12.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.770, 15.623 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(203, 142, 147)` looks like.

```
.text, #text, p{  
    color:rgb(203, 142, 147)  
}
```

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(203, 142, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 142, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.770, 15.623 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(203, 142, 147) }
```

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

```
.border{ border-color:rgb(203, 142, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 142, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 142, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 142, 147);  
box-shadow:4px 4px 4px 4px rgb(203, 142,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.770, 15.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 142, 147) }
```

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

```
.background{ background-color: rgb(203,  
142, 147) }
```

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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