

Converting Colors

CIELCh(69, 25.522, 19.101)

Have a look what the booklet for
CIELCh(69, 25.522, 19.101) contains.

CIELCh(69, 25.750, 19.484)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 25.750, 19.484)

Conversions

Conversions Part 1

Format	Color
Hex	D8989A
RGB	216, 152, 154
RGB Percent	85%, 60%, 60%
CMY	0.1533, 0.4042, 0.3964
CMYK	0.00, 0.30, 0.29, 0.15
HSL	358°, 45%, 72%
HSV	358°, 30%, 85%
XYZ	45.3323, 39.3444, 35.7403
YIQ	171.3640, 37.5020, 14.1900

Conversions

Conversions Part 2

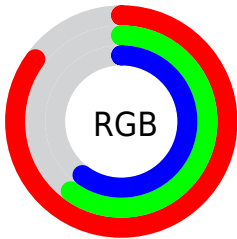
Format	Color
R _Y B	216, 152, 154
Decimal	14194842
CIE Lab	69.00, 24.28, 8.59
CIE LCh	69, 25.750, 19.484
Yxy	39.3444, 0.3765, 0.3267
Android (android.graphics.Color)	4292384922 (0xFFD8989A)
YUV	171.3640, -8.5605, 39.1458
Hunter-Lab	62.7251, 19.2354, 10.1246

Details

The CIELCh color **69, 25.750, 19.484** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **82, 21.280, 195.050**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 18.023, 19.101**, and **49, 26.063, 19.065** is the 20% darker color. If you saturate the color by 10%, you get **64, 35.590, 20.947**, and if you desaturate by 10%, it is **75, 16.458, 18.348**.

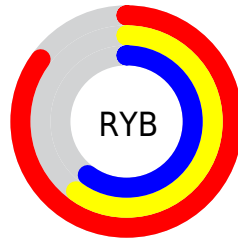
Distribution



Red (85%)

Green (60%)

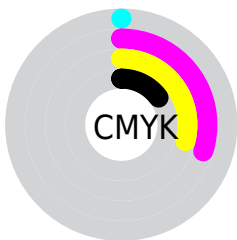
Blue (60%)



Red (85%)

Yellow (60%)

Blue (60%)

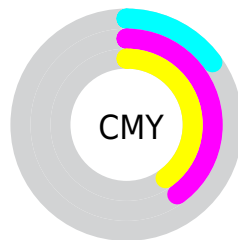


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (15%)



Cyan (15%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 25.750, 19.484 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 69, 25.750, 19.484 by changing the saturation by 10% instead.

69, 25.750, 19.484

69, 25.750, 19.484

100, 25.750,
19.484

59, 25.750, 19.484

89, 25.750, 19.484

49, 25.750, 19.484

99, 25.750, 19.484

39, 25.750, 19.484

29, 25.750, 19.484

19, 25.750, 19.484

9, 25.750, 19.484

0, 25.750, 19.484

69, 25.750, 19.484

69, 25.750, 19.484

64, 35.590, 20.947

75, 16.458, 18.348

■ 59, 45.843, 22.831

■ 81, 7.781, 17.422

■ 54, 56.267, 25.259

■ 87, 0.281, 198.859

■ 51, 66.532, 28.322

■ 93, 7.759, 196.298

■ 48, 76.229, 31.987

■ 97, 13.121,
198.630

■ 46, 84.714, 35.870

■ 45, 90.748, 38.877

■ 45, 90.931, 38.957

Harmonies

Complementary

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



69, 25.750, 19.484



82, 21.280, 195.050

Rectangle

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



69, 25.750, 19.484



69, 25.750, 69.484



69, 25.750, 199.484



69, 25.750, 249.484

Sweetspot

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



69, 25.748, 19.489



94, 8.300, 17.374



71, 40.987, 325.091



49, 5.800, 17.502



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 25.748, 19.489



76, 36.613, 20.425



76, 21.310, 68.208



42, 4.549, 17.403



35, 76.031, 38.619



5, 21.977, 18.376

Inverse Universe

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



69, 25.748, 19.489



76, 36.613, 20.425



74, 19.295, 256.251



42, 4.549, 17.403



35, 76.031, 38.619



5, 21.977, 18.376

Previews

White Background



This preview shows how the CIELCh color 69, 25.750, 19.484 looks on a white background.

Color Contrast Check

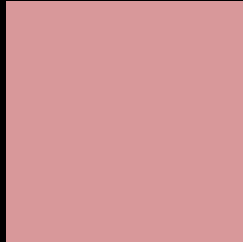
Large Text (above 18pt) WCAG AA × Fail

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 69, 25.750, 19.484 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 69, 25.750, 19.484

Background



This preview shows how black text looks on a background with the CIELCh color 69, 25.750, 19.484.



This preview shows how white text looks on a background with the CIELCh color 69, 25.750, 19.484.

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

69, 25.750, 19.484

Protanopia

69, 3.325, 74.631

Deuteranopia

69, 12.750, 48.211



Tritanopia
69, 26.641, 9.185

Trichromacy



Original Color
69, 25.750, 19.484

Protanomaly
69, 10.647, 26.170

Deuteranomaly
69, 16.815, 31.977

Tritanomaly
69, 26.523, 12.668

Monochromacy



Original Color
69, 25.750, 19.484

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 8.923, 16.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 25.750, 19.484 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(216, 152, 154)` looks like.

```
.text, #text, p{  
    color:rgb(216, 152, 154)  
}
```

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(216, 152, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 152, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 25.750, 19.484 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(216, 152, 154) }
```

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

```
.border{ border-color:rgb(216, 152, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 152, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 152, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 152, 154);  
box-shadow:4px 4px 4px 4px rgb(216, 152,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 25.750, 19.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 152, 154) }
```

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

```
.background{ background-color: rgb(216,  
152, 154) }
```

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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