

Converting Colors

CIELCh(75, 8.757, 103.507)

Have a look what the booklet for
CIELCh(75, 8.757, 103.507) contains.

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Color

CIELCh(75, 8.668, 101.709)

Conversions

Conversions Part 1

Format	Color
Hex	BCB9A9
RGB	188, 185, 169
RGB Percent	74%, 73%, 66%
CMY	0.2626, 0.2743, 0.3371
CMYK	0.00, 0.02, 0.10, 0.26
HSL	51°, 12%, 70%
HSV	51°, 10%, 74%
XYZ	45.2723, 48.2781, 44.4887
YIQ	184.0730, 6.9240, -4.3400

Conversions

Conversions Part 2

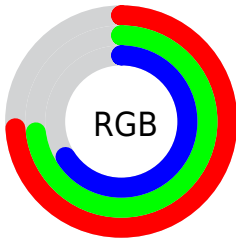
Format	Color
RYB	173, 188, 169
Decimal	12368297
CIELab	75.00, -1.76, 8.49
CIElCh	75, 8.668, 101.709
Yxy	48.2781, 0.3280, 0.3497
Android (android.graphics.Color)	4290558377 (0xFFBCB9A9)
YUV	184.0730, -7.4310, 3.4440
Hunter-Lab	69.4824, -5.2900, 10.6751

Details

The CIELCh color **75, 8.668, 101.709** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71, 8.800, 284.008**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 8.755, 102.337**, and **55, 8.656, 100.898** is the 20% darker color. If you saturate the color by 10%, you get **74, 17.288, 100.612**, and if you desaturate by 10%, it is **76, 0.080, 101.221**.

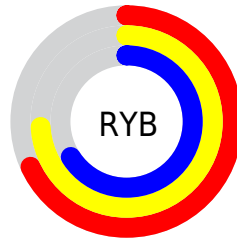
Distribution



Red (74%)

Green (73%)

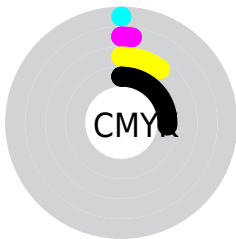
Blue (66%)



Red (68%)

Yellow (74%)

Blue (66%)

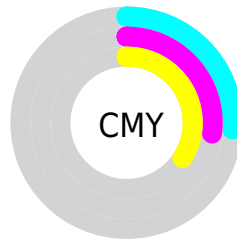


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (27%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 8.668, 101.709 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 75, 8.668, 101.709 by changing the saturation by 10% instead.

■ 75, 8.668, 101.709

■ 75, 8.668, 101.709

■ 100, 8.668,
101.709

■ 65, 8.668, 101.709

■ 95, 8.668, 101.709

■ 55, 8.668, 101.709

■ 45, 8.668, 101.709

■ 35, 8.668, 101.709

■ 25, 8.668, 101.709

■ 15, 8.668, 101.709

■ 5, 8.668, 101.709

■ 0, 8.668, 101.709

■ 75, 8.668, 101.709

■ 75, 8.668, 101.709

74, 17.288,
100.612

76, 0.080, 101.221

73, 25.893, 99.475

78, 8.455, 283.881

72, 34.409, 98.323

79, 16.922,
284.879

70, 42.705, 97.166

80, 25.316,
285.837

69, 50.565, 96.013

81, 29.412,
285.352

69, 57.645, 94.872

82, 27.904,
282.817

68, 63.444, 93.741

67, 67.375, 92.599

83, 26.455,
280.014

66, 69.400, 91.436

84, 25.076,
276.911

84, 23.777,
273.476

Harmonies

Complementary

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



75, 8.668, 101.709



71, 8.800, 284.008

Rectangle

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



75, 8.668, 101.709



75, 8.668, 151.709



75, 8.668, 281.709



75, 8.668, 331.709

Sweetspot

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



75, 8.670, 101.720



96, 3.175, 102.454



71, 7.463, 6.680



51, 2.408, 102.377



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



75, 8.670, 101.720



95, 12.764, 101.492



75, 10.497, 122.513



39, 4.875, 101.801



56, 61.111, 91.604



9, 13.708, 97.371

Inverse Universe

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



71, 8.800, 284.008



88, 12.989, 284.271



70, 10.698, 303.607



37, 4.944, 283.917



21, 84.606, 303.417



2, 15.479, 285.795

Previews

White Background



This preview shows how the CIELCh color 75, 8.668, 101.709 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 75, 8.668, 101.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

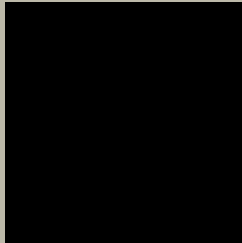
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

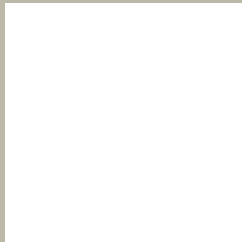
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 8.668, 101.709

Background



This preview shows how black text looks on a background with the CIELCh color 75, 8.668, 101.709.



This preview shows how white text looks on a background with the CIELCh color 75, 8.668, 101.709.

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

75, 8.668, 101.709

Protanopia

75, 9.129, 89.553

Deuteranopia

75, 12.495, 40.300



Tritanopia
75, 8.614, 318.670

Trichromacy



Original Color
75, 8.668, 101.709

Protanomaly
75, 9.006, 91.884

Deuteranomaly
75, 9.768, 56.995

Tritanomaly
75, 4.007, 347.056

Monochromacy



Original Color
75, 8.668, 101.709

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 2.709, 101.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 8.668, 101.709 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, 185, 169)` looks like.

```
.text, #text, p{  
    color:rgb(188, 185, 169)  
}
```

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, 185, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 185, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 8.668, 101.709 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, 185, 169) }
```

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

```
.border{ border-color:rgb(188, 185, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 185, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 185, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 185, 169);  
box-shadow:4px 4px 4px 4px rgb(188, 185,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 8.668, 101.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 185, 169) }
```

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

```
.background{ background-color: rgb(188,  
185, 169) }
```

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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