

Converting Colors

CIELCh(75, 8.095, 79.637)

Have a look what the booklet for
CIELCh(75, 8.095, 79.637) contains.

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Color

CIELCh(75, 8.168, 78.209)

Conversions

Conversions Part 1

Format	Color
Hex	C2B7AA
RGB	194, 183, 170
RGB Percent	76%, 72%, 67%
CMY	0.2389, 0.2821, 0.3331
CMYK	0.00, 0.06, 0.12, 0.24
HSL	33°, 16%, 71%
HSV	33°, 12%, 76%
XYZ	46.4752, 48.2781, 44.9327
YIQ	184.8070, 10.7290, -1.7110

Conversions

Conversions Part 2

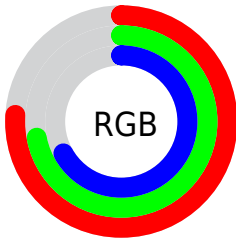
Format	Color
RYB	190, 194, 170
Decimal	12761002
CIELab	75.00, 1.67, 8.00
CIELCh	75, 8.168, 78.209
Yxy	48.2781, 0.3327, 0.3456
Android (android.graphics.Color)	4290951082 (0xFFC2B7AA)
YUV	184.8070, -7.2999, 8.0623
Hunter-Lab	69.4824, -2.1999, 10.2963

Details

The CIELCh color $75, 8.168, 78.209$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 7.990, 261.523$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 8.379, 78.111$, and $55, 8.021, 78.221$ is the 20% darker color. If you saturate the color by 10%, you get $72, 15.073, 76.958$, and if you desaturate by 10%, it is $78, 1.528, 79.304$.

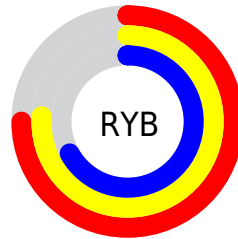
Distribution



Red (76%)

Green (72%)

Blue (67%)



Red (75%)

Yellow (76%)

Blue (67%)

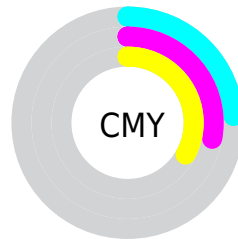


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (24%)



Cyan (24%)

Magenta (28%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 8.168, 78.209 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, 8.168, 78.209 by changing the saturation by 10% instead.

■ 75, 8.168, 78.209

■ 75, 8.168, 78.209

■ 100, 8.168, 78.209

■ 65, 8.168, 78.209

■ 95, 8.168, 78.209

■ 55, 8.168, 78.209

■ 45, 8.168, 78.209

■ 35, 8.168, 78.209

■ 25, 8.168, 78.209

■ 15, 8.168, 78.209

■ 5, 8.168, 78.209

■ 0, 8.168, 78.209

■ 75, 8.168, 78.209

■ 75, 8.168, 78.209

72, 15.073, 76.958

78, 1.528, 79.304

70, 22.252, 75.654

81, 4.869, 260.802

67, 29.697, 74.323

83, 11.045,
261.940

64, 37.363, 72.962

86, 17.022,
263.059

62, 45.132, 71.550

60, 52.748, 70.027

89, 17.679,
253.348

57, 59.716, 68.267

91, 16.551,
234.448

55, 65.229, 66.024

54, 68.395, 64.010

94, 17.286,
215.313

96, 19.624,
199.407

96, 19.893,
198.194

Harmonies

Complementary

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



75, 8.168, 78.209



73, 7.990, 261.523

Rectangle

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



75, 8.168, 78.209



75, 8.168, 128.209



75, 8.168, 258.209



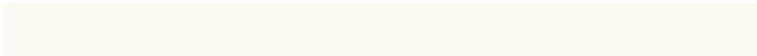
75, 8.168, 308.209

Sweetspot

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



75, 8.169, 78.225



98, 3.213, 79.184



72, 10.919, 346.524



52, 2.307, 79.108



0, 0.000, 0.000



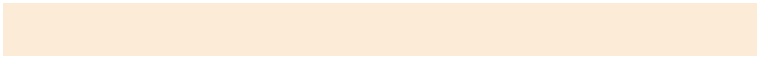
53, 0.007, 296.813

Same Dimension

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



75, 8.169, 78.225



94, 12.338, 77.867



78, 12.788, 110.369



40, 3.718, 78.591



45, 59.340, 64.567



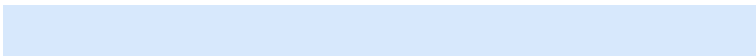
7, 11.594, 63.111

Inverse Universe

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



73, 7.990, 261.523



91, 11.992, 261.954



70, 13.153, 292.716



39, 3.660, 261.098



33, 54.904, 287.417



4, 13.399, 272.653

Previews

White Background



This preview shows how the CIELCh color 75, 8.168, 78.209 looks on a white background.

Color Contrast Check

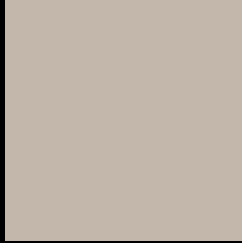
Large Text (above 18pt) WCAG AA × Fail

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, 8.168, 78.209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

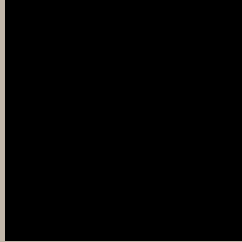
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

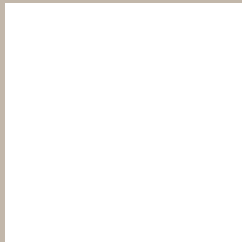
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 8.168, 78.209

Background



This preview shows how black text looks on a background with the CIELCh color 75, 8.168, 78.209.

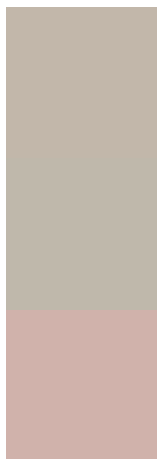


This preview shows how white text looks on a background with the CIELCh color 75, 8.168, 78.209.

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, 8.168, 78.209

Protanopia

75, 7.475, 88.437

Deuteranopia

75, 12.293, 38.016



Tritanopia
75, 9.860, 330.212

Trichromacy



Original Color
75, 8.168, 78.209

Protanomaly
75, 7.622, 85.720

Deuteranomaly
75, 10.163, 48.327

Tritanomaly
75, 6.036, 358.950

Monochromacy



Original Color
75, 8.168, 78.209

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 2.609, 74.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 8.168, 78.209 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(194, 183, 170)` looks like.

```
.text, #text, p{  
    color:rgb(194, 183, 170)  
}
```

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(194, 183, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 183, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 8.168, 78.209 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(194, 183, 170) }
```

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

```
.border{ border-color:rgb(194, 183, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 183, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 183, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 183, 170);  
box-shadow:4px 4px 4px 4px rgb(194, 183,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 8.168, 78.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 183, 170) }
```

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

```
.background{ background-color: rgb(194,  
183, 170) }
```

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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