

Converting Colors

CIELCh(75, 2.782, 81.279)

Have a look what the booklet for
CIELCh(75, 2.782, 81.279) contains.

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Color

CIELCh(75, 2.609, 74.776)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BCB8B4 |
| RGB | 188, 184, 180 |
| RGB Percent | 74%, 72%, 71% |
| CMY | 0.2627, 0.2783, 0.2940 |
| CMYK | 0.00, 0.02, 0.04, 0.26 |
| HSL | 30°, 6%, 72% |
| HSV | 30°, 4%, 74% |
| XYZ | 46.1278, 48.2781, 50.0767 |
| YIQ | 184.7400, 3.6680, -0.3960 |

Conversions

Conversions Part 2

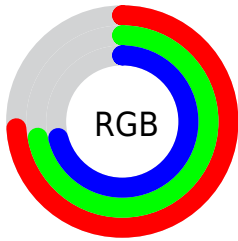
| Format | Color |
|-------------------------------------|--|
| RYB | 188, 188, 180 |
| Decimal | 12368052 |
| CIELab | 75.00, 0.69, 2.52 |
| CIELCh | 75, 2.609, 74.776 |
| Yxy | 48.2781, 0.3193, 0.3341 |
| Android (android.graphics.Color) | 4290558132 (0xFFBCB8B4) |
| YUV | 184.7400, -2.3368, 2.8590 |
| Hunter-Lab | 69.4824, -3.0924, 5.9068 |

Details

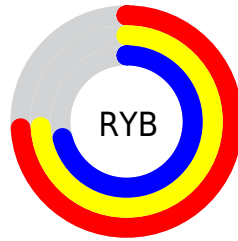
The CIELCh color $75, 2.609, 74.776$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 2.596, 256.124$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 2.477, 74.849$, and $55, 2.784, 74.629$ is the 20% darker color. If you saturate the color by 10%, you get $72, 8.957, 73.699$, and if you desaturate by 10%, it is $78, 3.465, 256.249$.

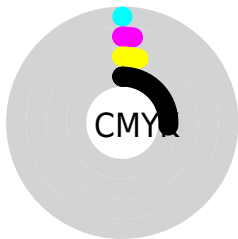
Distribution



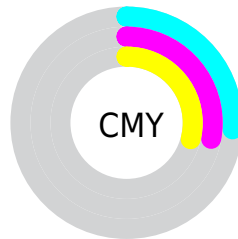
- Red (74%)
- Green (72%)
- Blue (71%)



- Red (74%)
- Yellow (74%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (26%)



- Cyan (26%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 2.609, 74.776 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, 2.609, 74.776 by changing the saturation by 10% instead.

■ 75, 2.609, 74.776

■ 75, 2.609, 74.776

■ 100, 2.609, 74.776

■ 65, 2.609, 74.776

■ 95, 2.609, 74.776

■ 55, 2.609, 74.776

■ 45, 2.609, 74.776

■ 35, 2.609, 74.776

■ 25, 2.609, 74.776

■ 15, 2.609, 74.776

■ 5, 2.609, 74.776

■ 0, 2.609, 74.776

■ 75, 2.609, 74.776

■ 75, 2.609, 74.776

72, 8.957, 73.699

78, 3.465, 256.249

69, 15.602, 72.477

81, 9.293, 257.343

66, 22.559, 71.233

84, 14.902,
258.449

64, 29.828, 69.976

87, 20.219,
259.321

61, 37.368, 68.701

58, 45.064, 67.384

89, 18.320,
242.000

56, 52.656, 65.954

92, 18.287,
223.029

54, 59.630, 64.255

52, 65.135, 61.994

94, 20.070,
205.952

96, 21.681,
198.082

Harmonies

Complementary

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



75, 2.609, 74.776



75, 2.596, 256.124

Rectangle

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



75, 2.609, 74.776



75, 2.609, 124.776



75, 2.609, 254.776



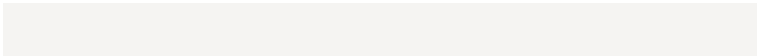
75, 2.609, 304.776

Sweetspot

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



75, 2.610, 74.822



96, 0.748, 74.773



74, 3.706, 343.891



51, 0.425, 74.748



98, 0.011, 296.813



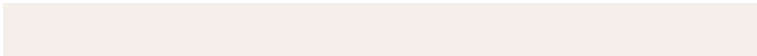
51, 0.007, 296.813

Same Dimension

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



75, 2.610, 74.822



95, 3.808, 74.744



76, 4.287, 109.761



39, 2.099, 74.691



43, 59.483, 61.113



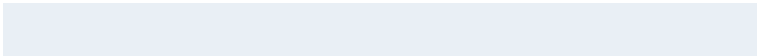
6, 10.073, 59.670

Inverse Universe

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



75, 2.596, 256.124



94, 3.777, 256.208



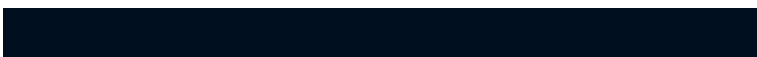
74, 4.343, 290.608



39, 2.078, 256.267



34, 49.974, 283.528



4, 11.558, 268.470

Previews

White Background



This preview shows how the CIELCh color 75, 2.609, 74.776 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 75, 2.609, 74.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

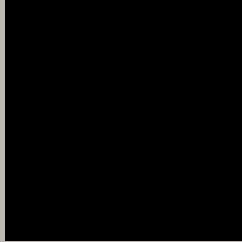
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

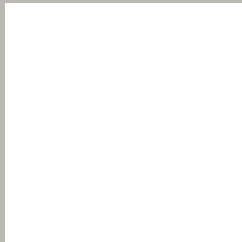
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 2.609, 74.776

Background



This preview shows how black text looks on a background with the CIELCh color 75, 2.609, 74.776.



This preview shows how white text looks on a background with the CIELCh color 75, 2.609, 74.776.

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, 2.609, 74.776

Protanopia

75, 2.841, 68.504

Deuteranopia

75, 9.570, 13.736



Tritanopia
75, 8.145, 311.806

Trichromacy



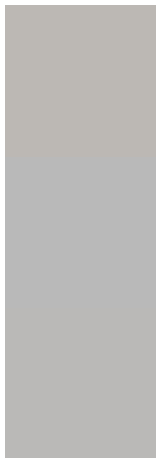
Original Color
75, 2.609, 74.776

Protanomaly
75, 2.841, 68.504

Deuteranomaly
75, 6.434, 19.859

Tritanomaly
75, 4.407, 320.612

Monochromacy



Original Color
75, 2.609, 74.776

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 1.127, 90.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 2.609, 74.776 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, 184, 180)` looks like.

```
.text, #text, p{  
    color:rgb(188, 184, 180)  
}
```

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, 184, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 184, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 2.609, 74.776 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, 184, 180) }
```

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

```
.border{ border-color:rgb(188, 184, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 184, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 184, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 184, 180);  
box-shadow:4px 4px 4px 4px rgb(188, 184,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 2.609, 74.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 184, 180) }
```

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

```
.background{ background-color: rgb(188,  
184, 180) }
```

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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