

Converting Colors

CIELCh(75, 6.495, 37.914)

Have a look what the booklet for
CIELCh(75, 6.495, 37.914) contains.

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Color

CIELCh(75, 6.462, 39.209)

Conversions

Conversions Part 1

Format	Color
Hex	C5B5B1
RGB	197, 181, 177
RGB Percent	77%, 71%, 69%
CMY	0.2262, 0.2889, 0.3046
CMYK	0.00, 0.08, 0.10, 0.23
HSL	12°, 15%, 73%
HSV	12°, 10%, 77%
XYZ	47.6667, 48.2781, 48.5667
YIQ	185.3280, 10.8200, 2.1480

Conversions

Conversions Part 2

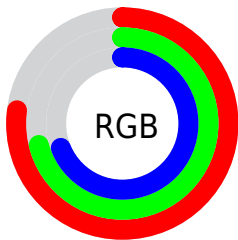
Format	Color
RYB	197, 182, 177
Decimal	12957105
CIELab	75.00, 5.01, 4.08
CIElCh	75, 6.462, 39.209
Yxy	48.2781, 0.3298, 0.3341
Android (android.graphics.Color)	4291147185 (0xFFC5B5B1)
YUV	185.3280, -4.1057, 10.2363
Hunter-Lab	69.4824, 0.8612, 7.1953

Details

The CIELCh color $75, 6.462, 39.209$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 6.067, 219.879$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 6.457, 38.155$, and $55, 6.550, 40.354$ is the 20% darker color. If you saturate the color by 10%, you get $71, 13.373, 39.183$, and if you desaturate by 10%, it is $80, 0.084, 33.053$.

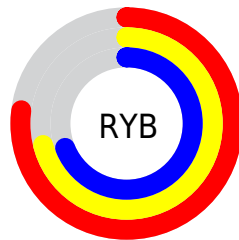
Distribution



Red (77%)

Green (71%)

Blue (69%)



Red (77%)

Yellow (71%)

Blue (69%)

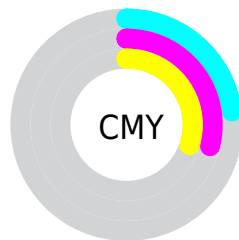


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (23%)



Cyan (23%)

Magenta (29%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 6.462, 39.209 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, 6.462, 39.209 by changing the saturation by 10% instead.

 75, 6.462, 39.209  75, 6.462, 39.209

 100, 6.462, 39.209  65, 6.462, 39.209

 95, 6.462, 39.209  55, 6.462, 39.209

 45, 6.462, 39.209

 35, 6.462, 39.209

 25, 6.462, 39.209

 15, 6.462, 39.209

 5, 6.462, 39.209

 0, 6.462, 39.209

 75, 6.462, 39.209  75, 6.462, 39.209

71, 13.373, 39.183

80, 0.084, 33.053

66, 20.863, 39.239

84, 5.814, 219.851

62, 28.961, 39.452

89, 11.282,
220.117

58, 37.664, 39.866

93, 16.203,
218.234

54, 46.911, 40.508

51, 56.543, 41.373

96, 18.914,
198.256

48, 66.187, 42.355

45, 75.013, 43.113

43, 81.933, 43.398

Harmonies

Complementary

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



75, 6.462, 39.209



77, 6.067, 219.879

Rectangle

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



75, 6.462, 39.209



75, 6.462, 89.209



75, 6.462, 219.209



75, 6.462, 269.209

Sweetspot

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



75, 6.461, 39.229



98, 2.286, 39.151



74, 11.419, 331.129



52, 1.739, 39.195



0, 0.000, 0.000



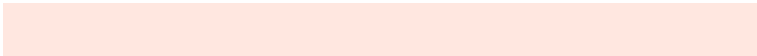
53, 0.007, 296.813

Same Dimension

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



75, 6.461, 39.229



93, 9.496, 39.216



78, 7.806, 92.442



40, 3.626, 39.233



36, 70.815, 43.722



5, 14.161, 31.144

Inverse Universe

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



77, 6.067, 219.879



96, 8.795, 219.941



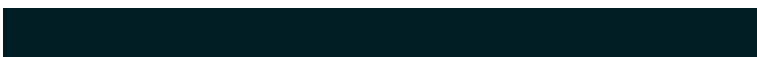
74, 7.830, 275.025



41, 3.422, 219.859



50, 31.438, 235.203



9, 11.166, 226.291

Previews

White Background



This preview shows how the CIELCh color 75, 6.462, 39.209 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, 6.462, 39.209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

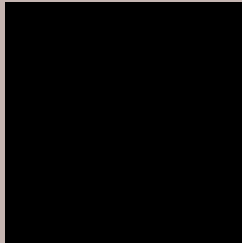
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 6.462, 39.209

Background



This preview shows how black text looks on a background with the CIELCh color 75, 6.462, 39.209.



This preview shows how white text looks on a background with the CIELCh color 75, 6.462, 39.209.

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, 6.462, 39.209

Protanopia

75, 3.267, 74.677

Deuteranopia

75, 9.972, 23.260



Tritanopia
75, 10.613, 334.938

Trichromacy



Original Color
75, 6.462, 39.209

Protanomaly
75, 4.326, 57.908

Deuteranomaly
75, 8.474, 27.298

Tritanomaly
75, 7.739, 350.873

Monochromacy



Original Color
75, 6.462, 39.209

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 2.302, 32.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 6.462, 39.209 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(197, 181, 177)` looks like.

```
.text, #text, p{  
    color:rgb(197, 181, 177)  
}
```

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(197, 181, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 181, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 6.462, 39.209 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(197, 181, 177) }
```

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

```
.border{ border-color:rgb(197, 181, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 181, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 181, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 181, 177); box-shadow:4px 4px 4px 4px rgb(197, 181, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 6.462, 39.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 181, 177) }
```

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

```
.background{ background-color: rgb(197,  
181, 177) }
```

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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