

Converting Colors

CIELCh(75, 6.391, 0.205)

Have a look what the booklet for
CIELCh(75, 6.391, 0.205) contains.

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Color

CIELCh(75, 6.391, 0.205)

Conversions

Conversions Part 1

Format	Color
Hex	C5B5B9
RGB	197, 181, 185
RGB Percent	77%, 71%, 73%
CMY	0.2284, 0.2911, 0.2755
CMYK	0.00, 0.08, 0.06, 0.23
HSL	345°, 12%, 74%
HSV	345°, 8%, 77%
XYZ	48.1666, 48.2781, 52.5437
YIQ	186.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

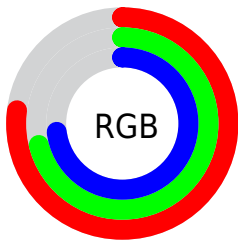
Format	Color
RYB	197, 181, 185
Decimal	12957113
CIELab	75.00, 6.39, 0.02
CIElCh	75, 6.391, 0.205
Yxy	48.2781, 0.3233, 0.3240
Android (android.graphics.Color)	4291147193 (0xFFC5B5B9)
YUV	186.2400, -0.6113, 9.4365
Hunter-Lab	69.4824, 2.1454, 3.8017

Details

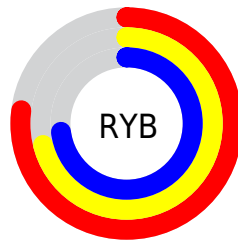
The CIELCh color $75, 6.391, 0.205$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 6.214, 178.870$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 6.413, 1.136$, and $55, 6.434, 359.230$ is the 20% darker color. If you saturate the color by 10%, you get $70, 14.575, 1.330$, and if you desaturate by 10%, it is $80, 1.430, 179.709$.

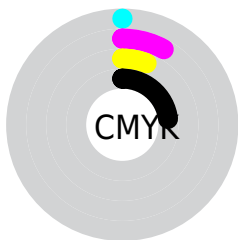
Distribution



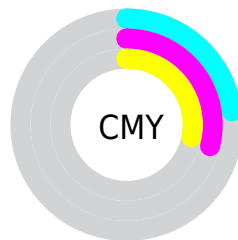
- Red (77%)
- Green (71%)
- Blue (73%)



- Red (77%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (23%)



- Cyan (23%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 6.391, 0.205 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, 6.391, 0.205 by changing the saturation by 10% instead.

 75, 6.391, 0.205

 75, 6.391, 0.205

 100, 6.391, 0.205

 65, 6.391, 0.205

 95, 6.391, 0.205

 55, 6.391, 0.205

 45, 6.391, 0.205

 35, 6.391, 0.205

 25, 6.391, 0.205

 15, 6.391, 0.205

 5, 6.391, 0.205

 0, 6.391, 0.205

 75, 6.391, 0.205

 75, 6.391, 0.205

70, 14.575, 1.330

80, 1.430, 179.709

64, 23.070, 2.604

86, 8.867, 178.613

60, 31.755, 4.124

92, 15.928,
177.870

55, 40.430, 5.982

96, 20.455,
181.759

51, 48.802, 8.298

47, 56.514, 11.222

96, 19.087,
198.245

44, 63.227, 14.917

43, 68.774, 19.489

41, 73.370, 24.790

Harmonies

Complementary

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



75, 6.391, 0.205



78, 6.214, 178.870

Rectangle

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



75, 6.391, 0.205



75, 6.391, 50.205



75, 6.391, 180.205



75, 6.391, 230.205

Sweetspot

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



75, 6.389, 0.216



99, 1.916, 359.404



75, 9.735, 317.619



53, 1.089, 359.378



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, 6.389, 0.216



93, 9.748, 0.436



76, 5.007, 44.968



39, 4.510, 0.353



34, 64.248, 24.901



4, 16.334, 6.684

Inverse Universe

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



75, 6.389, 0.216



93, 9.748, 0.436



77, 4.778, 225.939



39, 4.510, 0.353



34, 64.248, 24.901



4, 16.334, 6.684

Previews

White Background



This preview shows how the CIELCh color 75, 6.391, 0.205 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, 6.391, 0.205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

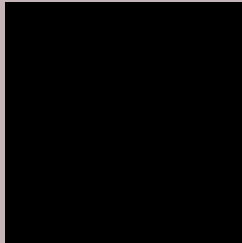
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 6.391, 0.205

Background



This preview shows how black text looks on a background with the CIELCh color 75, 6.391, 0.205.



This preview shows how white text looks on a background with the CIELCh color 75, 6.391, 0.205.

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, 6.391, 0.205

Protanopia

75, 1.565, 335.564

Deuteranopia

75, 9.257, 359.774



Tritanopia
75, 10.357, 333.435

Trichromacy



Original Color

75, 6.391, 0.205

Protanomaly

75, 3.407, 351.223

Deuteranomaly

75, 8.001, 0.409

Tritanomaly

75, 8.626, 341.445

Monochromacy



Original Color

75, 6.391, 0.205

Achromatopsia

76, 0.009, 296.813

Achromatomaly

75, 2.492, 353.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 6.391, 0.205 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(197, 181, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 181, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 6.391, 0.205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

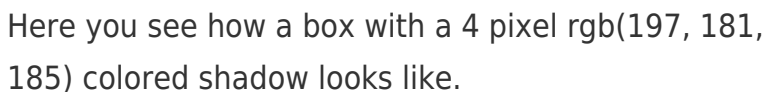
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 181, 185) }
```

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

```
.border{ border-color:rgb(197, 181, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 181, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 181, 185);  
box-shadow:4px 4px 4px 4px rgb(197, 181,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 6.391, 0.205 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, 185) }
```

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

```
.background{ background-color: rgb(197,  
181, 185) }
```

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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