

Converting Colors

CIELCh(75, 6.071, 211.919)

Have a look what the booklet for
CIELCh(75, 6.071, 211.919) contains.

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Color

CIELCh(75, 6.195, 209.077)

Conversions

Conversions Part 1

Format	Color
Hex	ABBCBE
RGB	171, 188, 190
RGB Percent	67%, 74%, 75%
CMY	0.3298, 0.2632, 0.2553
CMYK	0.10, 0.01, 0.00, 0.26
HSL	186°, 13%, 71%
HSV	186°, 10%, 74%
XYZ	44.0128, 48.2781, 55.6512
YIQ	183.1450, -10.7740, -2.9820

Conversions

Conversions Part 2

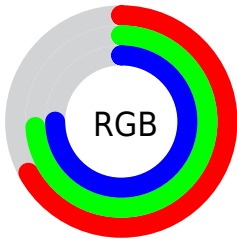
Format	Color
RYB	171, 180, 190
Decimal	11254974
CIELab	75.00, -5.41, -3.01
CIELCh	75, 6.195, 209.077
Yxy	48.2781, 0.2975, 0.3263
Android (android.graphics.Color)	4289445054 (0xFFABBCBE)
YUV	183.1450, 3.3795, -10.6512
Hunter-Lab	69.4824, -8.5256, 1.1501

Details

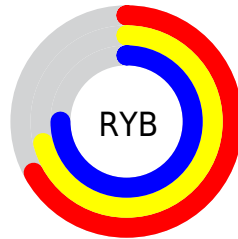
The CIELCh color `75, 6.195, 209.077` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `72, 6.608, 29.286`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 6.268, 208.563`, and `55, 6.155, 209.662` is the 20% darker color. If you saturate the color by 10%, you get `73, 12.029, 208.962`, and if you desaturate by 10%, it is `77, 0.010, 277.415`.

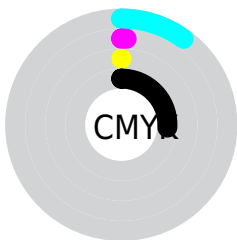
Distribution



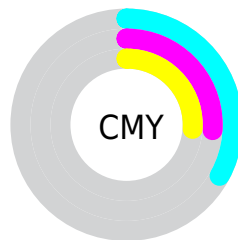
- Red (67%)
- Green (74%)
- Blue (75%)



- Red (67%)
- Yellow (71%)
- Blue (75%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



- Cyan (33%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 6.195, 209.077 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, 6.195, 209.077 by changing the saturation by 10% instead.

■ 75, 6.195, 209.077

■ 75, 6.195, 209.077

■ 100, 6.195,
209.077

■ 65, 6.195, 209.077

■ 95, 6.195, 209.077

■ 55, 6.195, 209.077

■ 45, 6.195, 209.077

■ 35, 6.195, 209.077

■ 25, 6.195, 209.077

■ 15, 6.195, 209.077

■ 5, 6.195, 209.077

■ 0, 6.195, 209.077

■ 75, 6.195, 209.077

■ 75, 6.195, 209.077

73, 12.029,
208.962

77, 0.010, 277.415

72, 17.408,
209.004

79, 6.461, 29.253

70, 22.232,
209.193

81, 13.127, 29.562

69, 26.400,
209.558

85, 22.563, 31.617

67, 29.824,
210.133

85, 22.051, 34.515

66, 32.443,
210.958

86, 21.599, 37.543

65, 34.233,
212.075

86, 21.212, 40.693

64, 35.229,
213.522

87, 20.893, 43.950

64, 35.621,

Harmonies

Complementary

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



75, 6.195, 209.077



72, 6.608, 29.286

Rectangle

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



75, 6.195, 209.077



75, 6.195, 259.077



75, 6.195, 29.077



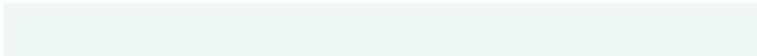
75, 6.195, 79.077

Sweetspot

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



75, 6.196, 209.061



97, 2.343, 209.347



75, 11.693, 146.685



52, 1.787, 209.276



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



75, 6.196, 209.061



94, 9.156, 209.025



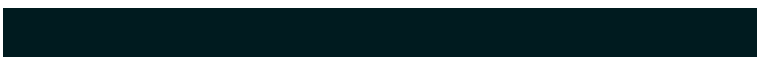
72, 6.724, 266.791



39, 3.497, 209.074



54, 31.136, 214.976



8, 10.176, 211.859

Inverse Universe

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



72, 11.675, 327.979



90, 17.377, 328.110



74, 6.782, 84.123



37, 6.576, 327.939



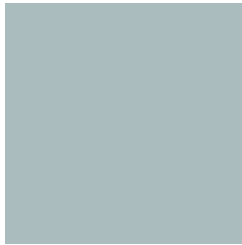
36, 74.523, 332.853



3, 19.372, 329.500

Previews

White Background



This preview shows how the CIELCh color 75, 6.195, 209.077 looks on a white background.

Color Contrast Check

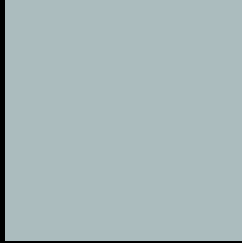
Large Text (above 18pt) WCAG AA × Fail

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, 6.195, 209.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

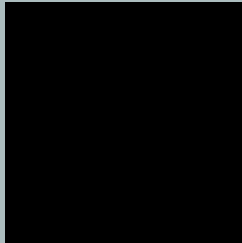
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

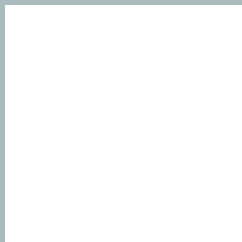
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 6.195, 209.077

Background



This preview shows how black text looks on a background with the CIELCh color 75, 6.195, 209.077.



This preview shows how white text looks on a background with the CIELCh color 75, 6.195, 209.077.

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, 6.195, 209.077

Protanopia

75, 2.640, 324.465

Deuteranopia

75, 10.242, 337.065



Tritanopia
75, 9.205, 261.134

Trichromacy



Original Color
75, 6.195, 209.077

Protanomaly
75, 2.171, 247.910

Deuteranomaly
75, 5.535, 318.309

Tritanomaly
75, 7.490, 245.403

Monochromacy



Original Color
75, 6.195, 209.077

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 2.260, 213.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 6.195, 209.077 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(171, 188, 190)` looks like.

```
.text, #text, p{  
    color:rgb(171, 188, 190)  
}
```

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(171, 188, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 188, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 6.195, 209.077 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(171, 188, 190) }
```

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

```
.border{ border-color:rgb(171, 188, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 188, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 188, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 188, 190);  
box-shadow:4px 4px 4px 4px rgb(171, 188,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 6.195, 209.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 188, 190) }
```

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

```
.background{ background-color: rgb(171,  
188, 190) }
```

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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