

Converting Colors

CIELCh(75, 5.485, 199.028)

Have a look what the booklet for
CIELCh(75, 5.485, 199.028) contains.

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Color

CIELCh(75, 5.441, 199.069)

Conversions

Conversions Part 1

Format	Color
Hex	ADBCBC
RGB	173, 188, 188
RGB Percent	68%, 74%, 74%
CMY	0.3229, 0.2641, 0.2641
CMYK	0.08, 0.00, 0.00, 0.26
HSL	180°, 10%, 71%
HSV	180°, 8%, 74%
XYZ	44.1057, 48.2781, 54.3737
YIQ	183.5150, -8.9400, -3.1800

Conversions

Conversions Part 2

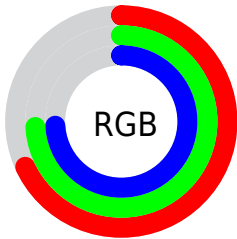
Format	Color
RYB	173, 181, 188
Decimal	11386044
CIELab	75.00, -5.14, -1.78
CIELCh	75, 5.441, 199.069
Yxy	48.2781, 0.3005, 0.3290
Android (android.graphics.Color)	4289576124 (0xFFADBCBC)
YUV	183.5150, 2.2111, -9.2217
Hunter-Lab	69.4824, -8.2871, 2.2402

Details

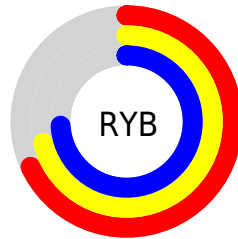
The CIELCh color `75, 5.441, 199.069` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `72, 5.719, 19.795`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 5.544, 199.158`, and `55, 5.369, 198.938` is the 20% darker color. If you saturate the color by 10%, you get `74, 11.921, 198.490`, and if you desaturate by 10%, it is `76, 1.399, 19.126`.

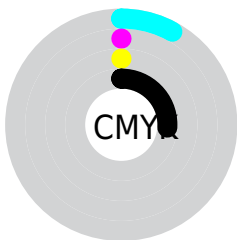
Distribution



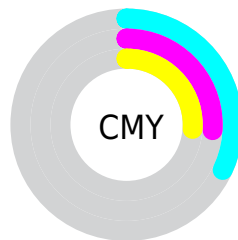
- Red (68%)
- Green (74%)
- Blue (74%)



- Red (68%)
- Yellow (71%)
- Blue (74%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)



- Cyan (32%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 5.441, 199.069 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, 5.441, 199.069 by changing the saturation by 10% instead.

■ 75, 5.441, 199.069

■ 75, 5.441, 199.069

■ 100, 5.441,
199.069

■ 65, 5.441, 199.069

■ 95, 5.441, 199.069

■ 55, 5.441, 199.069

■ 45, 5.441, 199.069

■ 35, 5.441, 199.069

■ 25, 5.441, 199.069

■ 15, 5.441, 199.069

■ 5, 5.441, 199.069

■ 0, 5.441, 199.069

■ 75, 5.441, 199.069

■ 75, 5.441, 199.069

74, 11.921,
198.490

76, 1.399, 19.126

73, 17.931,
198.009

78, 8.506, 20.016

72, 23.362,
197.587

80, 15.795, 20.642

71, 28.108,
197.226

82, 26.086, 21.505

70, 32.080,
196.929

82, 26.086, 21.501

70, 35.215,
196.697

82, 26.085, 21.497

69, 37.492,
196.530

82, 26.085, 21.493

69, 38.940,
196.423

82, 26.085, 21.489

69, 39.684,

Harmonies

Complementary

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



75, 5.441, 199.069



72, 5.719, 19.795

Rectangle

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



75, 5.441, 199.069



75, 5.441, 249.069



75, 5.441, 19.069



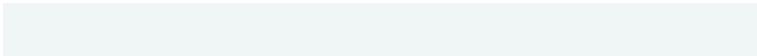
75, 5.441, 69.069

Sweetspot

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



75, 5.442, 199.052



96, 1.712, 199.653



75, 9.844, 143.573



51, 0.973, 199.679



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, 5.442, 199.052



95, 8.405, 198.918



73, 4.792, 254.668



39, 3.863, 198.967



59, 35.064, 196.358



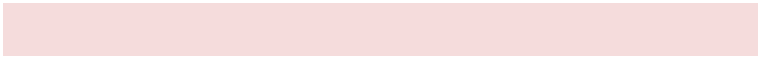
9, 11.664, 196.718

Inverse Universe

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



72, 5.719, 19.795



90, 8.957, 19.966



74, 4.887, 72.573



37, 4.096, 19.903



32, 72.796, 39.657



3, 12.251, 19.394

Previews

White Background



This preview shows how the CIELCh color 75, 5.441, 199.069 looks on a white background.

Color Contrast Check

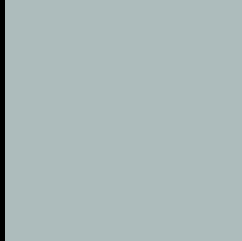
Large Text (above 18pt) WCAG AA × Fail

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, 5.441, 199.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

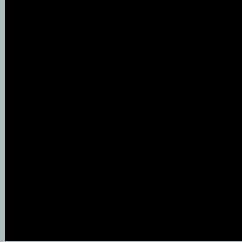
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

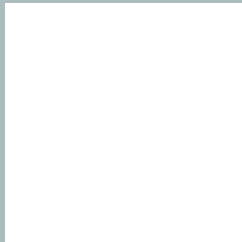
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 5.441, 199.069

Background



This preview shows how black text looks on a background with the CIELCh color 75, 5.441, 199.069.

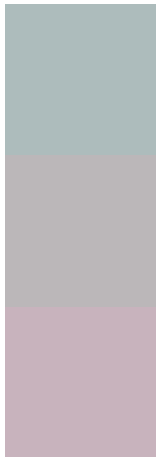


This preview shows how white text looks on a background with the CIELCh color 75, 5.441, 199.069.

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, 5.441, 199.069

Protanopia

75, 1.852, 343.615

Deuteranopia

75, 9.537, 345.808



Tritanopia
75, 8.421, 263.366

Trichromacy



Original Color
75, 5.441, 199.069

Protanomaly
75, 1.225, 225.921

Deuteranomaly
75, 4.831, 328.230

Tritanomaly
75, 6.639, 246.346

Monochromacy



Original Color
75, 5.441, 199.069

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 2.207, 199.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 5.441, 199.069 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(173, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(173, 188, 188)  
}
```

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(173, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 188, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 5.441, 199.069 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(173, 188, 188) }
```

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

```
.border{ border-color:rgb(173, 188, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 188, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 188, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 188, 188); box-shadow:4px 4px 4px 4px rgb(173, 188, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 5.441, 199.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 188, 188) }
```

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

```
.background{ background-color: rgb(173,  
188, 188) }
```

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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