

Converting Colors

CIELCh(75, 1.577, 199.609)

Have a look what the booklet for
CIELCh(75, 1.577, 199.609) contains.

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Color

CIELCh(75, 1.474, 199.639)

Conversions

Conversions Part 1

Format	Color
Hex	B5B9B9
RGB	181, 185, 185
RGB Percent	71%, 73%, 73%
CMY	0.2885, 0.2728, 0.2728
CMYK	0.02, 0.00, 0.00, 0.27
HSL	180°, 3%, 72%
HSV	180°, 2%, 73%
XYZ	45.4014, 48.2781, 53.0662
YIQ	183.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

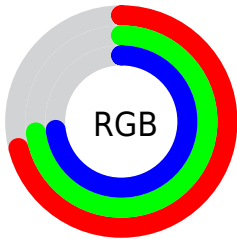
Format	Color
RYB	181, 183, 185
Decimal	11909561
CIELab	75.00, -1.39, -0.50
CIElCh	75, 1.474, 199.639
Yxy	48.2781, 0.3094, 0.3290
Android (android.graphics.Color)	4290099641 (0xFFB5B9B9)
YUV	183.8040, 0.5896, -2.4591
Hunter-Lab	69.4824, -4.9584, 3.3559

Details

The CIELCh color **75, 1.474, 199.639** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 1.497, 19.121**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 1.404, 199.765**, and **55, 1.566, 199.503** is the 20% darker color. If you saturate the color by 10%, you get **74, 8.114, 198.751**, and if you desaturate by 10%, it is **76, 5.465, 19.691**.

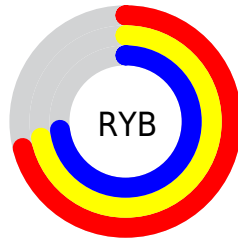
Distribution



Red (71%)

Green (73%)

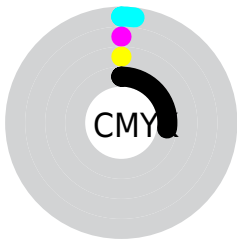
Blue (73%)



Red (71%)

Yellow (72%)

Blue (73%)

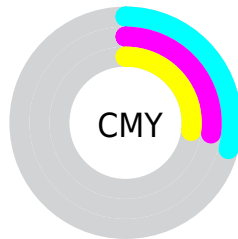


Cyan (2%)

Magenta (0%)

Yellow (0%)

Black (27%)



Cyan (29%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 1.474, 199.639 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, 1.474, 199.639 by changing the saturation by 10% instead.

■ 75, 1.474, 199.639

■ 75, 1.474, 199.639

■ 100, 1.474,
199.639

■ 65, 1.474, 199.639

■ 95, 1.474, 199.639

■ 55, 1.474, 199.639

■ 45, 1.474, 199.639

■ 35, 1.474, 199.639

■ 25, 1.474, 199.639

■ 15, 1.474, 199.639

■ 5, 1.474, 199.639

■ 0, 1.474, 199.639

■ 75, 1.474, 199.639

■ 75, 1.474, 199.639

74, 8.114, 198.751

76, 5.465, 19.691

72, 14.352,
198.228

78, 12.617, 20.335

71, 20.081,
197.770

80, 19.907, 20.957

71, 25.193,
197.371

82, 27.031, 21.560

70, 29.588,
197.033

82, 27.029, 21.528

69, 33.188,
196.758

82, 27.028, 21.512

69, 35.946,
196.548

82, 27.026, 21.480

69, 37.859,
196.400

68, 38.981,
196.309

Harmonies

Complementary

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



75, 1.474, 199.639



74, 1.497, 19.121

Rectangle

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



75, 1.474, 199.639



75, 1.474, 249.639



75, 1.474, 19.639



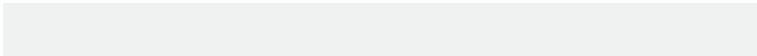
75, 1.474, 69.639

Sweetspot

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



75, 1.475, 199.574



95, 0.850, 200.033



75, 2.617, 143.975



51, 0.487, 200.076



98, 0.011, 296.813



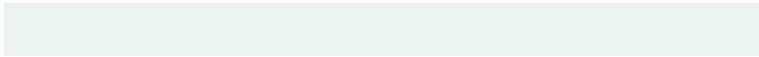
51, 0.007, 296.813

Same Dimension

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



75, 1.475, 199.574



95, 2.542, 199.422



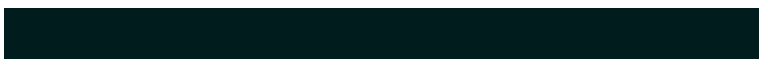
74, 1.291, 254.126



39, 1.531, 199.339



58, 34.663, 196.267



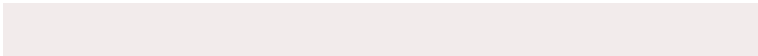
8, 10.520, 197.648

Inverse Universe

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



74, 1.497, 19.121



94, 2.592, 19.276



75, 1.285, 73.059



38, 1.567, 19.363



32, 71.840, 39.567



2, 10.638, 19.357

Previews

White Background



This preview shows how the CIELCh color 75, 1.474, 199.639 looks on a white background.

Color Contrast Check

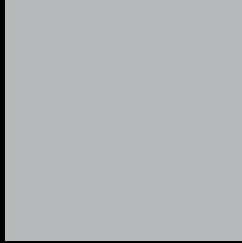
Large Text (above 18pt) WCAG AA × Fail

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, 1.474, 199.639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

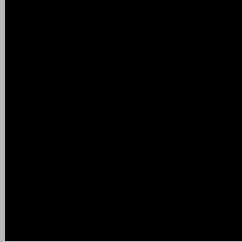
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

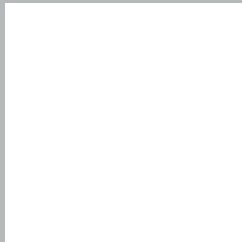
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 1.474, 199.639

Background



This preview shows how black text looks on a background with the CIELCh color 75, 1.474, 199.639.

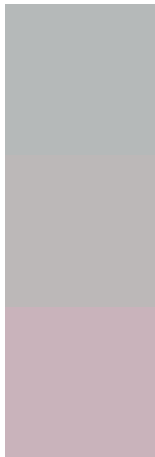


This preview shows how white text looks on a background with the CIELCh color 75, 1.474, 199.639.

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, 1.474, 199.639

Protanopia

75, 1.491, 19.179

Deuteranopia

75, 9.324, 352.678



Tritanopia
75, 8.111, 290.949

Trichromacy



Original Color
75, 1.474, 199.639

Protanomaly
75, 0.372, 18.037

Deuteranomaly
75, 5.575, 350.894

Tritanomaly
75, 4.907, 282.150

Monochromacy



Original Color
75, 1.474, 199.639

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 0.738, 200.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 1.474, 199.639 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(181, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(181, 185, 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(181, 185, 185) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 75, 1.474, 199.639 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(181, 185, 185) }
```

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

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

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

Here you see how a box with a 4 pixel `rgb(181, 185, 185)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 75, 1.474, 199.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 185, 185) }
```

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

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