

Converting Colors

CIELCh(75, 11.747, 269.194)

Have a look what the booklet for
CIELCh(75, 11.747, 269.194)
contains.

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Color

CIELCh(75, 11.596, 268.242)

Conversions

Conversions Part 1

Format	Color
Hex	ADBACE
RGB	173, 186, 206
RGB Percent	68%, 73%, 81%
CMY	0.3228, 0.2718, 0.1934
CMYK	0.16, 0.10, 0.00, 0.19
HSL	216°, 25%, 74%
HSV	216°, 16%, 81%
XYZ	45.7622, 48.2781, 65.0984
YIQ	184.3930, -14.1680, 3.4640

Conversions

Conversions Part 2

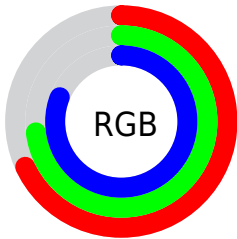
Format	Color
RYB	173, 182, 206
Decimal	11385550
CIELab	75.00, -0.36, -11.59
CIElCh	75, 11.596, 268.242
Yxy	48.2781, 0.2876, 0.3034
Android (android.graphics.Color)	4289575630 (0xFFADBACE)
YUV	184.3930, 10.6523, -9.9917
Hunter-Lab	69.4824, -4.0316, -6.9113

Details

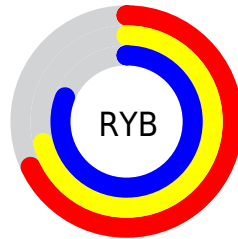
The CIELCh color $75, 11.596, 268.242$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 11.774, 83.893$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 7.933, 256.823$, and $55, 11.754, 267.871$ is the 20% darker color. If you saturate the color by 10%, you get $70, 18.888, 269.946$, and if you desaturate by 10%, it is $80, 4.353, 266.808$.

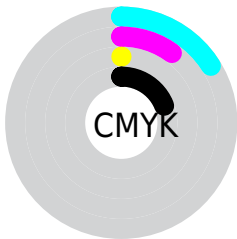
Distribution



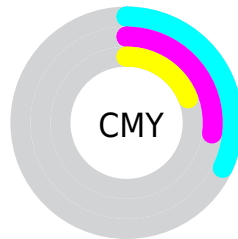
- Red (68%)
- Green (73%)
- Blue (81%)



- Red (68%)
- Yellow (71%)
- Blue (81%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)





- Cyan (32%)
- Magenta (27%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 11.596, 268.242 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, 11.596, 268.242 by changing the saturation by 10% instead.


 75, 11.596,
268.242


 75, 11.596,
268.242


 100, 11.596,
268.242


 65, 11.596,
268.242


 95, 11.596,
268.242

 55, 11.596,
268.242

 45, 11.596,
268.242

 35, 11.596,
268.242

 25, 11.596,
268.242

 15, 11.596,
268.242

 5, 11.596, 268.242

0, 11.596, 268.242

75, 11.596,
268.242

75, 11.596,
268.242

70, 18.888,
269.946

80, 4.353, 266.808

85, 2.829, 85.378

66, 26.228,
271.962

89, 9.943, 84.365

61, 33.622,
274.329

94, 16.982, 83.433

56, 41.087,
277.088

97, 21.642,
101.553

52, 48.660,
280.259

99, 24.891,
108.289

48, 56.392,
283.820

■ 44, 64.324,
287.677

■ 40, 72.440,
291.648

■ 38, 75.697,
293.130

Harmonies

Complementary

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



75, 11.596, 268.242



79, 11.774, 83.893

Rectangle

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



75, 11.596, 268.242



75, 11.596, 318.242



75, 11.596, 88.242



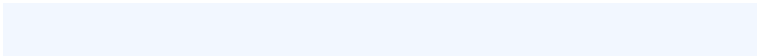
75, 11.596, 138.242

Sweetspot

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



75, 11.595, 268.236



97, 4.291, 266.690



80, 13.883, 167.976



51, 2.928, 266.776



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, 11.595, 268.236



89, 16.371, 268.752



72, 18.060, 295.559



41, 4.065, 267.252



31, 63.425, 292.494



4, 17.127, 278.879

Inverse Universe

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



74, 14.277, 351.270



88, 20.224, 351.616



82, 17.421, 112.807



40, 4.965, 350.583



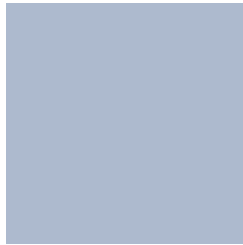
35, 61.443, 11.776



4, 19.051, 359.873

Previews

White Background



This preview shows how the CIELCh color 75, 11.596, 268.242 looks on a white background.

Color Contrast Check

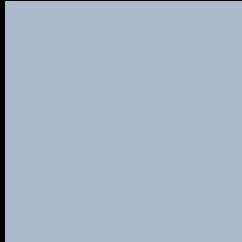
Large Text (above 18pt) WCAG AA × Fail

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, 11.596, 268.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

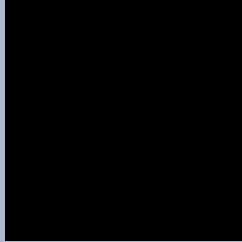
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

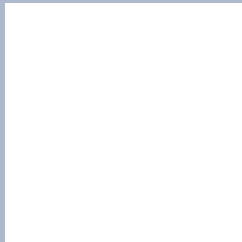
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 11.596, 268.242

Background



This preview shows how black text looks on a background with the CIELCh color 75, 11.596, 268.242.



This preview shows how white text looks on a background with the CIELCh color 75, 11.596, 268.242.

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, 11.596, 268.242

Protanopia

75, 11.350, 289.464

Deuteranopia

75, 15.276, 307.729



Tritanopia
75, 9.373, 259.273

Trichromacy



Original Color
75, 11.596, 268.242

Protanomaly
75, 11.443, 282.416

Deuteranomaly
75, 13.579, 295.910

Tritanomaly
75, 10.293, 262.632

Monochromacy



Original Color
75, 11.596, 268.242

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.166, 264.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 11.596, 268.242 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, 186, 206)` looks like.

```
.text, #text, p{  
    color:rgb(173, 186, 206)  
}
```

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, 186, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 186, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 11.596, 268.242 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, 186, 206) }
```

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

```
.border{ border-color:rgb(173, 186, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 186, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 186, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 186, 206); box-shadow:4px 4px 4px 4px rgb(173, 186, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 11.596, 268.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 186, 206) }
```

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

```
.background{ background-color: rgb(173,  
186, 206) }
```

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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