

Converting Colors

CIELCh(75, 5.005, 203.474)

Have a look what the booklet for
CIELCh(75, 5.005, 203.474) contains.

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Color

CIELCh(75, 4.742, 205.692)

Conversions

Conversions Part 1

Format	Color
Hex	AEBBBC
RGB	174, 187, 188
RGB Percent	68%, 73%, 74%
CMY	0.3169, 0.2659, 0.2620
CMYK	0.07, 0.01, 0.00, 0.26
HSL	184°, 9%, 71%
HSV	184°, 7%, 74%
XYZ	44.4035, 48.2781, 54.6602
YIQ	183.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

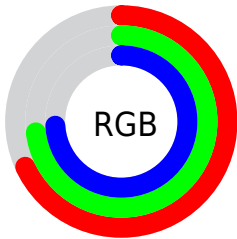
Format	Color
RYB	174, 181, 188
Decimal	11451324
CIELab	75.00, -4.27, -2.06
CIELCh	75, 4.742, 205.692
Yxy	48.2781, 0.3014, 0.3277
Android (android.graphics.Color)	4289641404 (0xFFFAEBBBC)
YUV	183.2270, 2.3531, -8.0921
Hunter-Lab	69.4824, -7.5221, 1.9957

Details

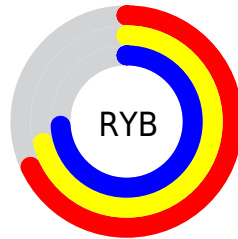
The CIELCh color $75, 4.742, 205.692$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 4.972, 25.944$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 4.534, 205.767$, and $55, 4.634, 206.168$ is the 20% darker color. If you saturate the color by 10%, you get $73, 10.812, 205.374$, and if you desaturate by 10%, it is $77, 1.669, 25.541$.

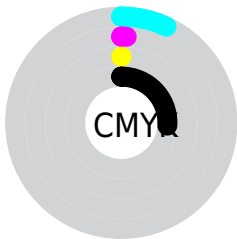
Distribution



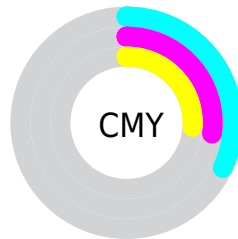
- Red (68%)
- Green (73%)
- Blue (74%)



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



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



- Cyan (32%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 4.742, 205.692 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, 4.742, 205.692 by changing the saturation by 10% instead.

■ 75, 4.742, 205.692

■ 75, 4.742, 205.692

■ 100, 4.742,
205.692

■ 65, 4.742, 205.692

■ 95, 4.742, 205.692

■ 55, 4.742, 205.692

■ 45, 4.742, 205.692

■ 35, 4.742, 205.692

■ 25, 4.742, 205.692

■ 15, 4.742, 205.692

■ 5, 4.742, 205.692

■ 0, 4.742, 205.692

■ 75, 4.742, 205.692

■ 75, 4.742, 205.692

73, 10.812,
205.374

77, 1.669, 25.541

72, 16.443,
205.207

79, 8.338, 26.147

70, 21.530,
205.152

81, 15.189, 26.565

69, 25.971,
205.225

84, 23.936, 28.329

68, 29.674,
205.448

84, 23.540, 30.093

67, 32.568,
205.847

84, 23.167, 31.916

66, 34.620,
206.445

85, 22.819, 33.797

66, 35.848,
207.266

85, 22.498, 35.735

65, 36.358,

Harmonies

Complementary

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



75, 4.742, 205.692



73, 4.972, 25.944

Rectangle

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



75, 4.742, 205.692



75, 4.742, 255.692



75, 4.742, 25.692



75, 4.742, 75.692

Sweetspot

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



75, 4.743, 205.671



96, 1.599, 206.120



75, 8.819, 145.877



51, 0.909, 206.145



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, 4.743, 205.671



95, 7.073, 205.606



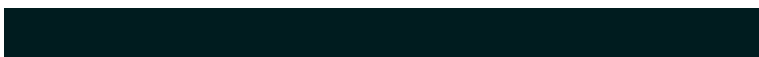
73, 4.801, 263.308



39, 3.603, 205.598



55, 32.069, 208.421



9, 10.604, 206.422

Inverse Universe

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



73, 8.809, 326.805



91, 13.208, 326.907



74, 4.841, 81.287



37, 6.733, 326.919



37, 76.507, 331.247



3, 20.038, 328.071

Previews

White Background



This preview shows how the CIELCh color 75, 4.742, 205.692 looks on a white background.

Color Contrast Check

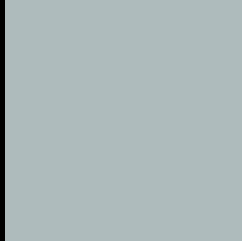
Large Text (above 18pt) WCAG AA × Fail

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, 4.742, 205.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

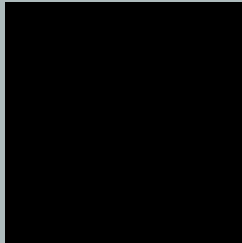
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

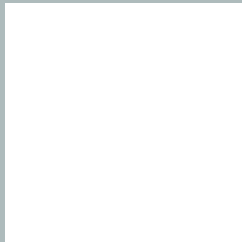
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 4.742, 205.692

Background



This preview shows how black text looks on a background with the CIELCh color 75, 4.742, 205.692.

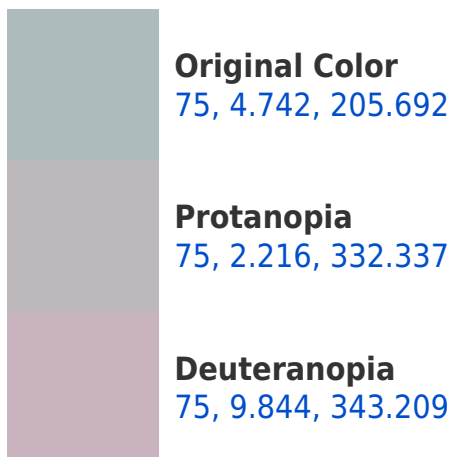


This preview shows how white text looks on a background with the CIELCh color 75, 4.742, 205.692.

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





Tritanopia
75, 8.641, 269.298

Trichromacy



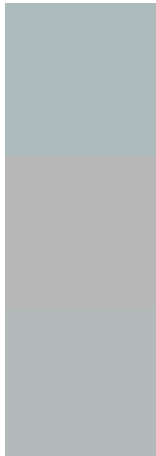
Original Color
75, 4.742, 205.692

Protanomaly
75, 1.536, 244.444

Deuteranomaly
75, 5.069, 331.551

Tritanomaly
75, 6.608, 254.222

Monochromacy



Original Color
75, 4.742, 205.692

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 1.841, 199.539

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 4.742, 205.692 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(174, 187, 188)` looks like.

```
.text, #text, p{  
    color:rgb(174, 187, 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(174, 187, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 187, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 4.742, 205.692 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(174, 187, 188) }
```

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

```
.border{ border-color:rgb(174, 187, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 187, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 187, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 187, 188);  
box-shadow:4px 4px 4px 4px rgb(174, 187,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 4.742, 205.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 187, 188) }
```

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

```
.background{ background-color: rgb(174,  
187, 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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