

Converting Colors

CIELCh(75, 6.494, 175.883)

Have a look what the booklet for
CIELCh(75, 6.494, 175.883) contains.

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Color

CIELCh(75, 6.269, 178.823)

Conversions

Conversions Part 1

Format	Color
Hex	ACBCB8
RGB	172, 188, 184
RGB Percent	67%, 74%, 72%
CMY	0.3249, 0.2622, 0.2779
CMYK	0.09, 0.00, 0.02, 0.26
HSL	165°, 11%, 71%
HSV	165°, 9%, 74%
XYZ	43.7222, 48.2781, 52.4373
YIQ	182.7600, -8.2520, -4.6360

Conversions

Conversions Part 2

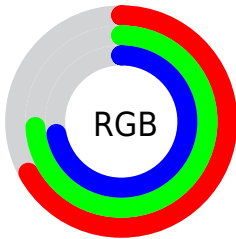
Format	Color
R _Y B	172, 181, 188
Decimal	11320504
CIE Lab	75.00, -6.27, 0.13
CIE LCh	75, 6.269, 178.823
Yxy	48.2781, 0.3027, 0.3342
Android (android.graphics.Color)	4289510584 (0xFFACBCB8)
YUV	182.7600, 0.6113, -9.4365
Hunter-Lab	69.4824, -9.2723, 3.8925

Details

The CIELCh color $75, 6.269, 178.823$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 6.454, 0.233$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 6.303, 180.055$, and $55, 6.289, 177.380$ is the 20% darker color. If you saturate the color by 10%, you get $74, 13.484, 177.819$, and if you desaturate by 10%, it is $77, 1.114, 359.213$.

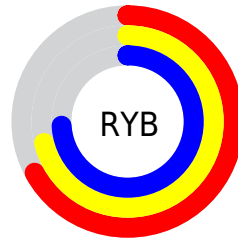
Distribution



Red (67%)

Green (74%)

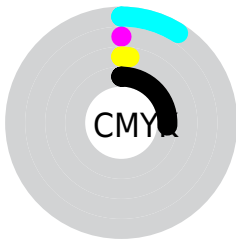
Blue (72%)



Red (67%)

Yellow (71%)

Blue (74%)

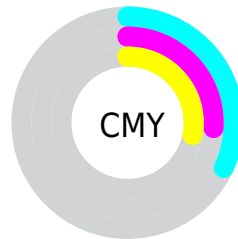


Cyan (9%)

Magenta (0%)

Yellow (2%)

Black (26%)



Cyan (32%)

Magenta (26%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 6.269, 178.823 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, 6.269, 178.823 by changing the saturation by 10% instead.

■ 75, 6.269, 178.823

■ 75, 6.269, 178.823

■ 100, 6.269,
178.823

■ 65, 6.269, 178.823

■ 95, 6.269, 178.823

■ 55, 6.269, 178.823

■ 45, 6.269, 178.823

■ 35, 6.269, 178.823

■ 25, 6.269, 178.823

■ 15, 6.269, 178.823

■ 5, 6.269, 178.823

■ 0, 6.269, 178.823

■ 75, 6.269, 178.823

■ 75, 6.269, 178.823

74, 13.484,
177.819

77, 1.114, 359.213

72, 20.421,
176.789

78, 8.581, 0.436

80, 16.059, 1.277

71, 26.963,
175.686

82, 23.490, 2.068

70, 32.987,
174.488

83, 26.868,
359.358

70, 38.378,
173.172

83, 27.705,
354.524

69, 43.039,
171.715

83, 28.741,
350.021

69, 46.913,
170.093

83, 29.955,
345.877

68, 50.001,
168.288

83, 31.324,
342.095

68, 52.425,

Harmonies

Complementary

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



75, 6.269, 178.823



72, 6.454, 0.233

Rectangle

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



75, 6.269, 178.823



75, 6.269, 228.823



75, 6.269, 358.823



75, 6.269, 48.823

Sweetspot

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



75, 6.271, 178.813



96, 2.748, 179.444



75, 9.717, 136.431



51, 2.082, 179.327



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, 6.271, 178.813



95, 9.114, 178.647



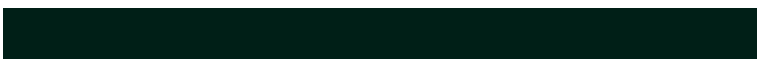
74, 4.845, 223.881



39, 4.184, 178.727



58, 46.205, 166.330



9, 13.674, 171.989

Inverse Universe

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



72, 6.454, 0.233



90, 9.431, 0.412



73, 5.094, 43.015



37, 4.318, 0.325



33, 62.686, 24.716



3, 12.675, 5.310

Previews

White Background



This preview shows how the CIELCh color 75, 6.269, 178.823 looks on a white background.

Color Contrast Check

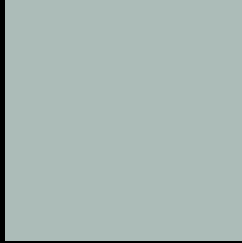
Large Text (above 18pt) WCAG AA × Fail

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, 6.269, 178.823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

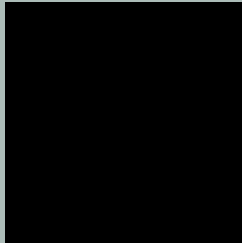
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

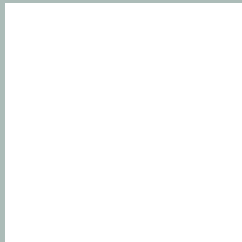
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 6.269, 178.823

Background



This preview shows how black text looks on a background with the CIELCh color 75, 6.269, 178.823.

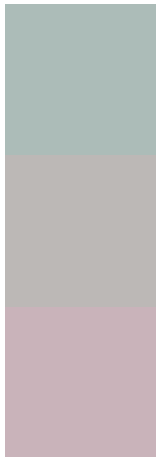


This preview shows how white text looks on a background with the CIELCh color 75, 6.269, 178.823.

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, 6.269, 178.823

Protanopia

75, 1.830, 55.193

Deuteranopia

75, 9.098, 355.703



Tritanopia
75, 8.421, 263.366

Trichromacy



Original Color
75, 6.269, 178.823

Protanomaly
75, 2.202, 152.342

Deuteranomaly
75, 3.744, 354.000

Tritanomaly
75, 5.934, 238.826

Monochromacy



Original Color
75, 6.269, 178.823

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 2.476, 173.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 6.269, 178.823 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(172, 188, 184)` looks like.

```
.text, #text, p{  
    color:rgb(172, 188, 184)  
}
```

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(172, 188, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 188, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 6.269, 178.823 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(172, 188, 184) }
```

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

```
.border{ border-color:rgb(172, 188, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 188, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 188, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 188, 184);  
box-shadow:4px 4px 4px 4px rgb(172, 188,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 6.269, 178.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 188, 184) }
```

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

```
.background{ background-color: rgb(172,  
188, 184) }
```

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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