

Converting Colors

CIELCh(75, 7.449, 210.378)

Have a look what the booklet for
CIELCh(75, 7.449, 210.378) contains.

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Color

CIELCh(75, 7.568, 207.118)

Conversions

Conversions Part 1

Format	Color
Hex	A8BDBF
RGB	168, 189, 191
RGB Percent	66%, 74%, 75%
CMY	0.3425, 0.2602, 0.2523
CMYK	0.12, 0.01, 0.00, 0.25
HSL	185°, 15%, 70%
HSV	185°, 12%, 75%
XYZ	43.5632, 48.2781, 56.1108
YIQ	182.9490, -13.1580, -3.8300

Conversions

Conversions Part 2

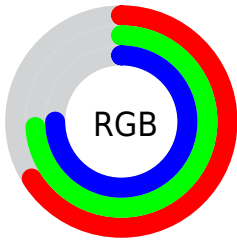
Format	Color
R_{YB}	168, 179, 191
Decimal	11058623
CIE Lab	75.00, -6.74, -3.45
CIE LCh	75, 7.568, 207.118
Yxy	48.2781, 0.2944, 0.3263
Android (android.graphics.Color)	4289248703 (0xFFA8BDBF)
YUV	182.9490, 3.9691, -13.1103
Hunter-Lab	69.4824, -9.6807, 0.7579

Details

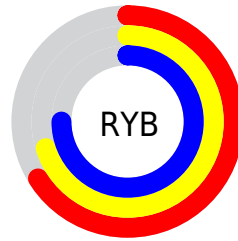
The CIELCh color `75, 7.568, 207.118` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `71, 8.185, 27.631`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 7.593, 206.801`, and `55, 7.582, 207.465` is the 20% darker color. If you saturate the color by 10%, you get `73, 13.426, 206.950`, and if you desaturate by 10%, it is `77, 1.326, 207.647`.

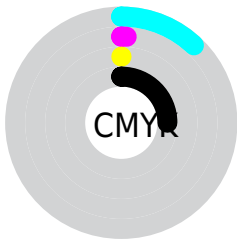
Distribution



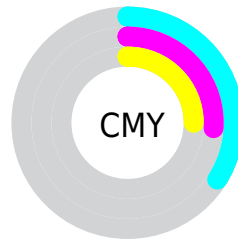
- Red (66%)
- Green (74%)
- Blue (75%)



- Red (66%)
- Yellow (70%)
- Blue (75%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 7.568, 207.118 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, 7.568, 207.118 by changing the saturation by 10% instead.

■ 75, 7.568, 207.118

■ 75, 7.568, 207.118

■ 100, 7.568,
207.118

■ 65, 7.568, 207.118

■ 95, 7.568, 207.118

■ 55, 7.568, 207.118

■ 45, 7.568, 207.118

■ 35, 7.568, 207.118

■ 25, 7.568, 207.118

■ 15, 7.568, 207.118

■ 5, 7.568, 207.118

■ 0, 7.568, 207.118

■ 75, 7.568, 207.118

■ 75, 7.568, 207.118

73, 13.426,
206.950

77, 1.326, 207.647

72, 18.798,
206.917

79, 5.212, 27.411

70, 23.581,
207.019

81, 11.967, 27.791

69, 27.674,
207.278

84, 22.726, 29.337

68, 30.992,
207.725

85, 22.259, 31.669

67, 33.481,
208.392

85, 21.832, 34.099

66, 35.128,
209.309

86, 21.447, 36.622

65, 35.978,
210.505

86, 21.105, 39.232

65, 36.250,

211.619

Harmonies

Complementary

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



75, 7.568, 207.118



71, 8.185, 27.631

Rectangle

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



75, 7.568, 207.118



75, 7.568, 257.118



75, 7.568, 27.118



75, 7.568, 77.118

Sweetspot

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



75, 7.569, 207.106



96, 3.165, 207.401



75, 14.325, 146.049



52, 2.264, 207.352



99, 0.012, 296.813



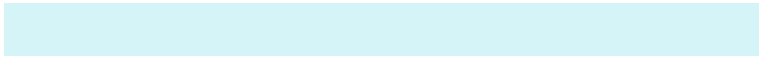
52, 0.007, 296.813

Same Dimension

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



75, 7.569, 207.106



94, 10.789, 207.060



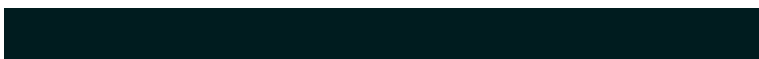
72, 7.997, 265.542



39, 3.553, 207.174



55, 31.594, 211.382



8, 10.399, 208.858

Inverse Universe

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



71, 14.315, 327.544



89, 20.551, 327.671



74, 8.111, 82.317



37, 6.661, 327.383



37, 75.585, 331.972



3, 19.729, 328.714

Previews

White Background



This preview shows how the CIELCh color 75, 7.568, 207.118 looks on a white background.

Color Contrast Check

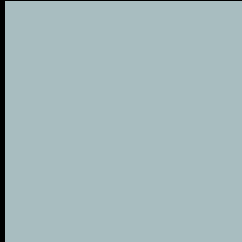
Large Text (above 18pt) WCAG AA × Fail

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, 7.568, 207.118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

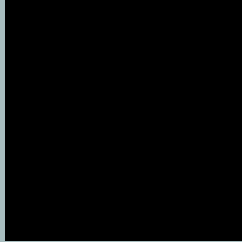
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

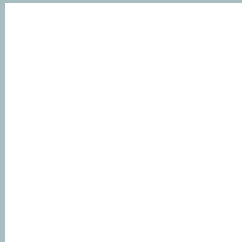
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 7.568, 207.118

Background



This preview shows how black text looks on a background with the CIELCh color 75, 7.568, 207.118.

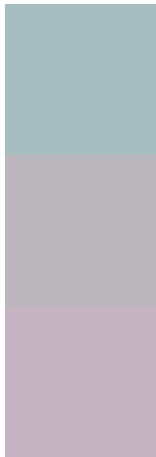


This preview shows how white text looks on a background with the CIELCh color 75, 7.568, 207.118.

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, 7.568, 207.118

Protanopia

75, 3.101, 318.863

Deuteranopia

75, 10.357, 333.435



Tritanopia
75, 9.917, 254.106

Trichromacy



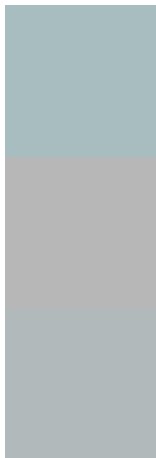
Original Color
75, 7.568, 207.118

Protanomaly
75, 2.808, 249.862

Deuteranomaly
75, 5.102, 307.301

Tritanomaly
75, 8.494, 238.619

Monochromacy



Original Color
75, 7.568, 207.118

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 2.970, 209.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 7.568, 207.118 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(168, 189, 191)` looks like.

```
.text, #text, p{  
    color:rgb(168, 189, 191)  
}
```

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(168, 189, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 189, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 7.568, 207.118 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(168, 189, 191) }
```

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

```
.border{ border-color:rgb(168, 189, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 189, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 189, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 189, 191);  
box-shadow:4px 4px 4px 4px rgb(168, 189,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 7.568, 207.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 189, 191) }
```

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

```
.background{ background-color: rgb(168,  
189, 191) }
```

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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