

Converting Colors

CIELCh(72, 6.797, 217.730)

Have a look what the booklet for
CIELCh(72, 6.797, 217.730) contains.

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Color

CIELCh(72, 6.795, 217.718)

Conversions

Conversions Part 1

Format	Color
Hex	A2B4B8
RGB	162, 180, 184
RGB Percent	64%, 71%, 72%
CMY	0.3656, 0.2950, 0.2793
CMYK	0.12, 0.02, 0.00, 0.28
HSL	191°, 13%, 68%
HSV	191°, 12%, 72%
XYZ	39.7574, 43.6590, 51.5526
YIQ	175.0740, -12.0120, -2.5720

Conversions

Conversions Part 2

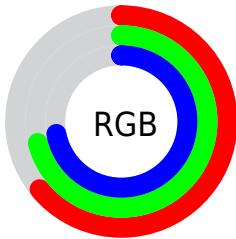
Format	Color
RYB	162, 172, 184
Decimal	10663096
CIELab	72.00, -5.38, -4.16
CIELCh	72, 6.795, 217.718
Yxy	43.6590, 0.2946, 0.3235
Android (android.graphics.Color)	4288853176 (0xFFA2B4B8)
YUV	175.0740, 4.4005, -11.4659
Hunter-Lab	66.0750, -8.2276, -0.0064

Details

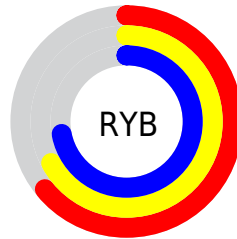
The CIELCh color $72, 6.795, 217.718$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 7.331, 37.200$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 6.831, 216.744$, and $52, 6.802, 218.870$ is the 20% darker color. If you saturate the color by 10%, you get $70, 12.112, 218.036$, and if you desaturate by 10%, it is $74, 1.146, 217.852$.

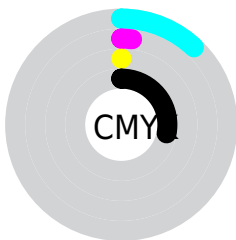
Distribution



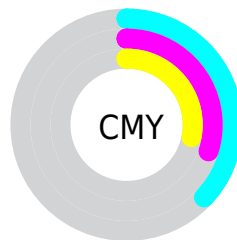
- Red (64%)
- Green (71%)
- Blue (72%)



- Red (64%)
- Yellow (67%)
- Blue (72%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (37%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 6.795, 217.718 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 72, 6.795, 217.718 by changing the saturation by 10% instead.

■ 72, 6.795, 217.718

■ 72, 6.795, 217.718

■ 100, 6.795,
217.718

■ 62, 6.795, 217.718

■ 92, 6.795, 217.718

■ 52, 6.795, 217.718

■ 42, 6.795, 217.718

■ 32, 6.795, 217.718

■ 22, 6.795, 217.718

■ 12, 6.795, 217.718

■ 2, 6.795, 217.718

■ 0, 6.795, 217.718

■ 72, 6.795, 217.718

■ 72, 6.795, 217.718

70, 12.112,
218.036

74, 1.146, 217.852

68, 17.013,
218.571

77, 4.761, 37.181

79, 10.862, 37.212

66, 21.410,
219.339

81, 17.103, 37.265

64, 25.216,
220.395

84, 23.441, 37.356

85, 23.310, 41.790

62, 28.357,
221.804

86, 22.837, 46.789

61, 30.788,
223.640

87, 22.549, 51.958

87, 22.453, 57.212

60, 32.506,
225.980

58, 33.568,
228.888

57, 34.120,

231.550

Harmonies

Complementary

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



72, 6.795, 217.718



69, 7.331, 37.200

Rectangle

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



72, 6.795, 217.718



72, 6.795, 267.718



72, 6.795, 37.718



72, 6.795, 87.718

Sweetspot

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



72, 6.795, 217.704



94, 2.875, 217.659



73, 13.003, 148.645



50, 2.038, 217.640



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 6.795, 217.704



91, 9.804, 217.761



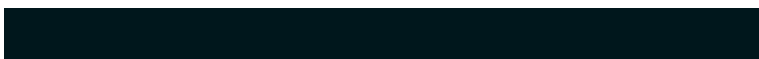
69, 8.418, 272.728



38, 3.236, 217.653



49, 30.150, 231.045



6, 8.588, 226.266

Inverse Universe

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



69, 12.901, 330.603



86, 18.751, 330.748



72, 8.429, 89.623



36, 6.092, 330.434



35, 69.478, 336.923



3, 15.660, 332.962

Previews

White Background



This preview shows how the CIELCh color 72, 6.795, 217.718 looks on a white background.

Color Contrast Check

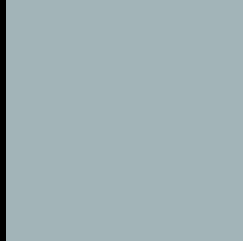
Large Text (above 18pt) WCAG AA × Fail

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 72, 6.795, 217.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

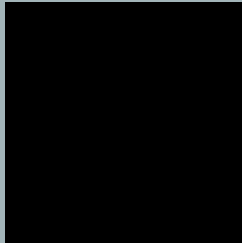
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

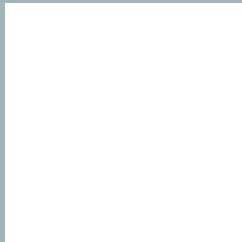
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 6.795, 217.718

Background



This preview shows how black text looks on a background with the CIELCh color 72, 6.795, 217.718.



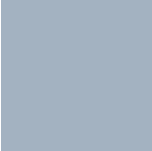
This preview shows how white text looks on a background with the CIELCh color 72, 6.795, 217.718.

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
72, 9.619, 257.572

Trichromacy



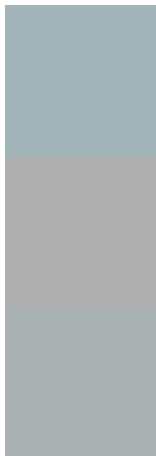
Original Color
72, 6.795, 217.718

Protanomaly
72, 3.260, 256.206

Deuteranomaly
72, 6.301, 307.721

Tritanomaly
72, 8.156, 246.512

Monochromacy



Original Color
72, 6.795, 217.718

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 2.635, 211.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 6.795, 217.718 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(162, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(162, 180, 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(162, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 180, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 6.795, 217.718 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(162, 180, 184) }
```

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

```
.border{ border-color:rgb(162, 180, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 180, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(162, 180,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 6.795, 217.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 180, 184) }
```

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

```
.background{ background-color: rgb(162,  
180, 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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