

Converting Colors

CIELCh(72, 16.355, 216.884)

Have a look what the booklet for
CIELCh(72, 16.355, 216.884)
contains.

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Color

CIELCh(72, 16.264, 217.985)

Conversions

Conversions Part 1

Format	Color
Hex	8AB8C2
RGB	138, 184, 194
RGB Percent	54%, 72%, 76%
CMY	0.4583, 0.2778, 0.2386
CMYK	0.29, 0.05, 0.00, 0.24
HSL	191°, 32%, 65%
HSV	191°, 29%, 76%
XYZ	37.4300, 43.6590, 57.5802
YIQ	171.3860, -30.6260, -6.6420

Conversions

Conversions Part 2

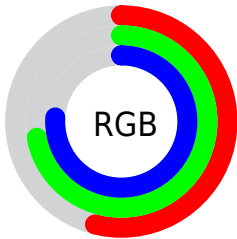
Format	Color
R _Y B	138, 163, 194
Decimal	9091266
CIE Lab	72.00, -12.82, -10.01
CIE LCh	72, 16.264, 217.985
Yxy	43.6590, 0.2699, 0.3148
Android (android.graphics.Color)	4287281346 (0xFF8AB8C2)
YUV	171.3860, 11.1487, -29.2795
Hunter-Lab	66.0750, -14.5149, -5.4150

Details

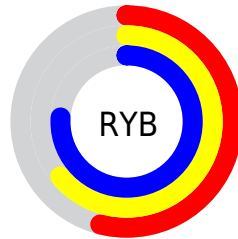
The CIELCh color **72, 16.264, 217.985** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 19.863, 37.063**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 16.132, 217.310**, and **52, 16.187, 216.966** is the 20% darker color. If you saturate the color by 10%, you get **70, 21.035, 218.654**, and if you desaturate by 10%, it is **74, 10.990, 217.526**.

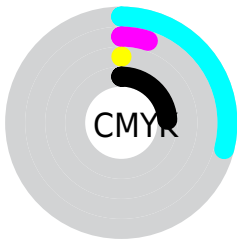
Distribution



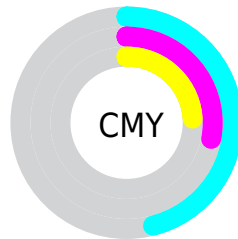
- Red (54%)
- Green (72%)
- Blue (76%)



- Red (54%)
- Yellow (64%)
- Blue (76%)



- Cyan (29%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)





- Cyan (46%)
- Magenta (28%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 16.264, 217.985 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, 16.264, 217.985 by changing the saturation by 10% instead.


 72, 16.264,
217.985


 72, 16.264,
217.985


 100, 16.264,
217.985


 62, 16.264,
217.985


 92, 16.264,
217.985

 52, 16.264,
217.985

 42, 16.264,
217.985

 32, 16.264,
217.985

 22, 16.264,
217.985

 12, 16.264,
217.985

 2, 16.264, 217.985

0, 16.264, 217.985

72, 16.264,
217.985

72, 16.264,
217.985

70, 21.035,
218.654

74, 10.990,
217.526

68, 25.208,
219.595

76, 5.304, 217.275

66, 28.701,
220.867

79, 0.706, 36.243

81, 6.966, 36.852

65, 31.454,
222.540

84, 13.412, 36.894

63, 33.448,
224.692

86, 19.989, 36.970

87, 19.489, 42.814

62, 34.724,
227.393

88, 19.078, 49.092

■ 61, 35.447,
230.626

■ 89, 18.910, 55.559

■ 61, 35.524,
231.008

Harmonies

Complementary

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



72, 16.264, 217.985



65, 19.863, 37.063

Rectangle

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



72, 16.264, 217.985



72, 16.264, 267.985



72, 16.264, 37.985



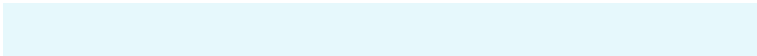
72, 16.264, 87.985

Sweetspot

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



72, 16.264, 217.980



96, 6.674, 217.279



74, 32.872, 147.275



52, 4.658, 217.302



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 16.264, 217.980



90, 23.789, 218.405



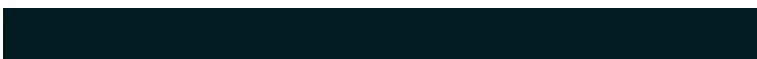
64, 21.491, 275.510



40, 3.390, 217.282



51, 30.857, 230.465



8, 10.489, 223.308

Inverse Universe

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



64, 32.702, 331.584



78, 48.942, 332.027



72, 21.629, 87.440



38, 6.385, 330.330



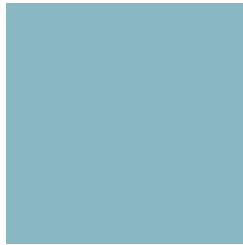
36, 71.288, 336.769



4, 20.449, 333.467

Previews

White Background



This preview shows how the CIELCh color 72, 16.264, 217.985 looks on a white background.

Color Contrast Check

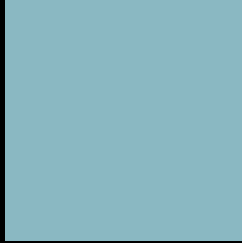
Large Text (above 18pt) WCAG AA × Fail

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, 16.264, 217.985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

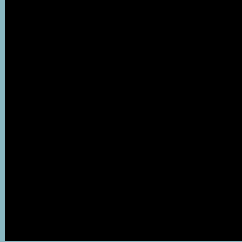
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

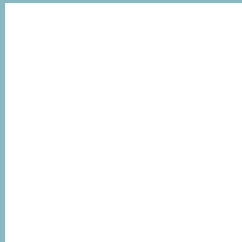
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 16.264, 217.985

Background



This preview shows how black text looks on a background with the CIELCh color 72, 16.264, 217.985.



This preview shows how white text looks on a background with the CIELCh color 72, 16.264, 217.985.

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, 16.617, 225.855

Trichromacy



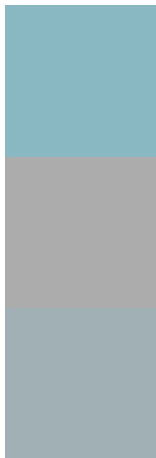
Original Color
72, 16.264, 217.985

Protanomaly
72, 8.551, 249.179

Deuteranomaly
72, 11.279, 274.916

Tritanomaly
72, 16.433, 224.040

Monochromacy



Original Color
72, 16.264, 217.985

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 6.156, 219.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 16.264, 217.985 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(138, 184, 194)` looks like.

```
.text, #text, p{  
    color:rgb(138, 184, 194)  
}
```

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(138, 184, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 184, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 16.264, 217.985 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(138, 184, 194) }
```

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

```
.border{ border-color:rgb(138, 184, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 184, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 184, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 184, 194);  
box-shadow:4px 4px 4px 4px rgb(138, 184,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 16.264, 217.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 184, 194) }
```

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

```
.background{ background-color: rgb(138,  
184, 194) }
```

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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