

Converting Colors

CIELCh(72, 6.667, 265.269)

Have a look what the booklet for
CIELCh(72, 6.667, 265.269) contains.

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Color

CIELCh(72, 6.595, 264.847)

Conversions

Conversions Part 1

Format	Color
Hex	A9B1BC
RGB	169, 177, 188
RGB Percent	66%, 69%, 74%
CMY	0.3362, 0.3048, 0.2617
CMYK	0.10, 0.06, 0.00, 0.26
HSL	215°, 12%, 70%
HSV	215°, 10%, 74%
XYZ	41.3025, 43.6590, 53.9822
YIQ	175.8620, -8.2990, 1.7250

Conversions

Conversions Part 2

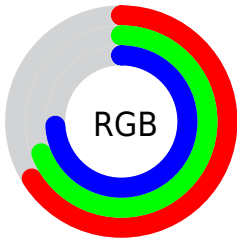
Format	Color
R _Y B	169, 175, 188
Decimal	11121084
CIE Lab	72.00, -0.59, -6.57
CIE LCh	72, 6.595, 264.847
Yxy	43.6590, 0.2973, 0.3142
Android (android.graphics.Color)	4289311164 (0xFFA9B1BC)
YUV	175.8620, 5.9840, -6.0180
Hunter-Lab	66.0750, -4.0535, -2.1865

Details

The CIELCh color $72, 6.595, 264.847$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 6.671, 82.136$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 6.430, 261.781$, and $52, 6.867, 268.216$ is the 20% darker color. If you saturate the color by 10%, you get $68, 13.142, 266.374$, and if you desaturate by 10%, it is $76, 0.069, 267.693$.

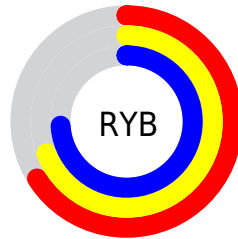
Distribution



Red (66%)

Green (69%)

Blue (74%)



Red (66%)

Yellow (69%)

Blue (74%)

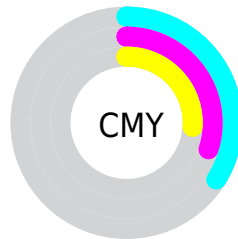


Cyan (10%)

Magenta (6%)

Yellow (0%)

Black (26%)



Cyan (34%)

Magenta (30%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 6.595, 264.847 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, 6.595, 264.847 by changing the saturation by 10% instead.

■ 72, 6.595, 264.847

■ 72, 6.595, 264.847

■ 100, 6.595,
264.847

■ 62, 6.595, 264.847

■ 92, 6.595, 264.847

■ 52, 6.595, 264.847

■ 42, 6.595, 264.847

■ 32, 6.595, 264.847

■ 22, 6.595, 264.847

■ 12, 6.595, 264.847

■ 2, 6.595, 264.847

■ 0, 6.595, 264.847

■ 72, 6.595, 264.847

■ 72, 6.595, 264.847

68, 13.142,
266.374

76, 0.069, 267.693

63, 19.704,
268.201

81, 6.421, 82.261

59, 26.273,
270.354

85, 12.865, 81.291

55, 32.854,
272.883

89, 19.252, 80.433

51, 39.466,
275.825

93, 24.114, 86.507

47, 46.149,
279.192

95, 28.073, 98.260

43, 52.957,
282.946

98, 32.886,
106.703

40, 59.938,
286.971

99, 33.564,
107.622

37, 67.040,

Harmonies

Complementary

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



72, 6.595, 264.847



74, 6.671, 82.136

Rectangle

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



72, 6.595, 264.847



72, 6.595, 314.847



72, 6.595, 84.847



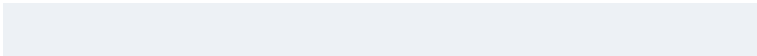
72, 6.595, 134.847

Sweetspot

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



72, 6.594, 264.834



95, 2.428, 263.974



75, 8.339, 166.576



50, 1.839, 264.049



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 6.594, 264.834



90, 9.705, 265.134



70, 10.438, 293.723



38, 3.709, 264.731



30, 58.093, 290.358



3, 12.470, 274.081

Inverse Universe

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



71, 8.423, 348.979



89, 12.432, 349.188



76, 10.199, 111.940



37, 4.733, 348.906



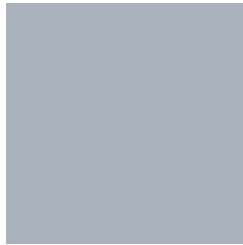
33, 59.118, 8.950



3, 13.412, 356.157

Previews

White Background



This preview shows how the CIELCh color 72, 6.595, 264.847 looks on a white background.

Color Contrast Check

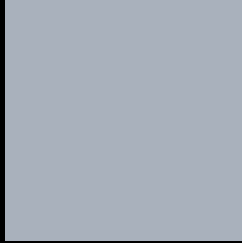
Large Text (above 18pt) WCAG AA × Fail

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, 6.595, 264.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

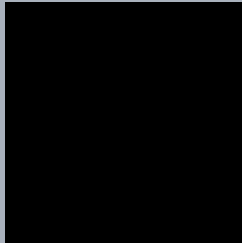
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

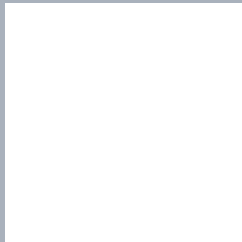
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 6.595, 264.847

Background



This preview shows how black text looks on a background with the CIELCh color 72, 6.595, 264.847.



This preview shows how white text looks on a background with the CIELCh color 72, 6.595, 264.847.

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

72, 6.595, 264.847

Protanopia

72, 6.559, 294.009

Deuteranopia

72, 11.499, 321.834



Tritanopia
72, 7.974, 272.595

Trichromacy



Original Color
72, 6.595, 264.847

Protanomaly
72, 6.025, 283.840

Deuteranomaly
72, 9.244, 309.430

Tritanomaly
72, 7.463, 271.187

Monochromacy



Original Color
72, 6.595, 264.847

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.295, 271.631

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 6.595, 264.847 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(169, 177, 188)` looks like.

```
.text, #text, p{  
    color:rgb(169, 177, 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(169, 177, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 177, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 6.595, 264.847 is called "border". The border property can be set on classes, ids or directly on the HTML element.

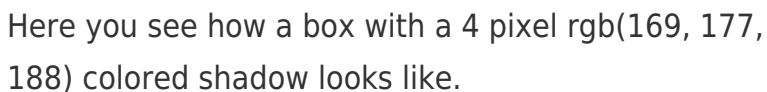
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 177, 188) }
```

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

```
.border{ border-color:rgb(169, 177, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 177, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 177, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 177, 188);  
box-shadow:4px 4px 4px 4px rgb(169, 177,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 6.595, 264.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 177, 188) }
```

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

```
.background{ background-color: rgb(169,  
177, 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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