

Converting Colors

CIELCh(64, 6.952, 173.657)

Have a look what the booklet for
CIELCh(64, 6.952, 173.657) contains.

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Color

CIELCh(64, 7.290, 171.492)

Conversions

Conversions Part 1

Format	Color
Hex	8E9F99
RGB	142, 159, 153
RGB Percent	56%, 62%, 60%
CMY	0.4435, 0.3768, 0.4004
CMYK	0.11, 0.00, 0.04, 0.38
HSL	159°, 8%, 59%
HSV	159°, 11%, 62%
XYZ	29.2620, 32.8017, 34.8842
YIQ	153.2330, -8.2060, -5.4700

Conversions

Conversions Part 2

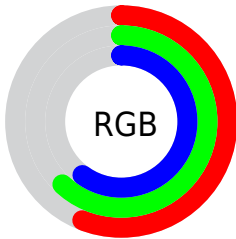
Format	Color
RYB	142, 152, 159
Decimal	9346969
CIELab	64.00, -7.21, 1.08
CIELCh	64, 7.290, 171.492
Yxy	32.8017, 0.3018, 0.3383
Android (android.graphics.Color)	4287537049 (0xFF8E9F99)
YUV	153.2330, -0.1149, -9.8513
Hunter-Lab	57.2727, -9.0273, 3.9781

Details

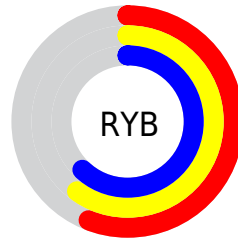
The CIELCh color $64, 7.290, 171.492$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 7.476, 353.326$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 7.484, 169.413$, and $44, 7.452, 169.729$ is the 20% darker color. If you saturate the color by 10%, you get $63, 14.008, 170.490$, and if you desaturate by 10%, it is $65, 0.473, 173.148$.

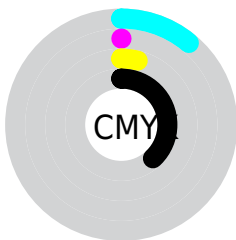
Distribution



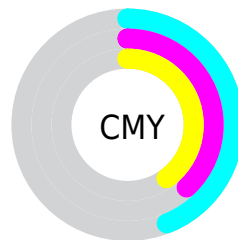
- Red (56%)
- Green (62%)
- Blue (60%)



- Red (56%)
- Yellow (60%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (38%)



- Cyan (44%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 7.290, 171.492 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 64, 7.290, 171.492 by changing the saturation by 10% instead.

■ 64, 7.290, 171.492

■ 64, 7.290, 171.492

■ 100, 7.290,
171.492

■ 54, 7.290, 171.492

■ 84, 7.290, 171.492

■ 44, 7.290, 171.492

■ 94, 7.290, 171.492

■ 34, 7.290, 171.492

■ 24, 7.290, 171.492

■ 14, 7.290, 171.492

■ 4, 7.290, 171.492

■ 0, 7.290, 171.492

■ 64, 7.290, 171.492

■ 64, 7.290, 171.492

■ 63, 14.008,

■ 65, 0.473, 173.148

170.490

67, 6.371, 353.107

62, 20.530,
169.425

68, 13.179,
353.924

61, 26.754,
168.259

70, 19.905,
354.676

60, 32.570,
166.970

72, 26.517,
355.385

59, 37.871,
165.533

74, 32.991,
356.057

59, 42.570,
163.925

76, 39.314,
356.699

58, 46.611,
162.125

76, 40.953,
353.314

58, 49.992,
160.126

76, 42.171,
349.614

58, 52.713,
158.179

Harmonies

Complementary

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



64, 7.290, 171.492



61, 7.476, 353.326

Rectangle

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



64, 7.290, 171.492



64, 7.290, 221.492



64, 7.290, 351.492



64, 7.290, 41.492

Sweetspot

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



64, 7.291, 171.486



82, 2.535, 172.310



64, 10.364, 133.155



44, 1.937, 172.203



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 7.291, 171.486



81, 10.955, 171.236



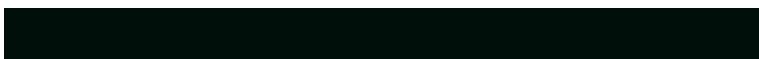
64, 5.594, 212.115



33, 3.840, 171.629



52, 48.559, 158.404



3, 5.159, 170.269

Inverse Universe

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



61, 7.476, 353.326



76, 11.296, 353.590



61, 5.987, 32.110



31, 3.925, 353.176



30, 55.506, 14.934



1, 5.001, 353.588

Previews

White Background



This preview shows how the CIELCh color 64, 7.290, 171.492 looks on a white background.

Color Contrast Check

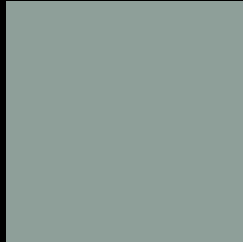
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 64, 7.290, 171.492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

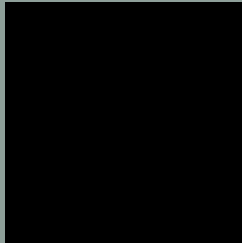
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

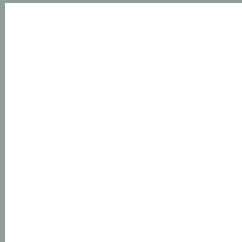
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 7.290, 171.492

Background



This preview shows how black text looks on a background with the CIELCh color 64, 7.290, 171.492.



This preview shows how white text looks on a background with the CIELCh color 64, 7.290, 171.492.

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

64, 7.290, 171.492

Protanopia

64, 2.940, 68.433

Deuteranopia

64, 8.278, 0.587



Tritanopia
64, 8.194, 261.759

Trichromacy



Original Color
64, 7.290, 171.492

Protanomaly
64, 3.018, 132.397

Deuteranomaly
64, 2.767, 7.910

Tritanomaly
64, 5.785, 234.549

Monochromacy



Original Color
64, 7.290, 171.492

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 2.559, 173.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 7.290, 171.492 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(142, 159, 153)` looks like.

```
.text, #text, p{  
    color:rgb(142, 159, 153)  
}
```

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(142, 159, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 159, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 7.290, 171.492 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(142, 159, 153) }
```

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

```
.border{ border-color:rgb(142, 159, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 159, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 159, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 159, 153);  
box-shadow:4px 4px 4px 4px rgb(142, 159,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 7.290, 171.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 159, 153) }
```

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

```
.background{ background-color: rgb(142,  
159, 153) }
```

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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