

Converting Colors

CIELCh(64, 6.367, 188.990)

Have a look what the booklet for
CIELCh(64, 6.367, 188.990) contains.

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Color

CIELCh(64, 6.473, 188.953)

Conversions

Conversions Part 1

Format	Color
Hex	8E9F9D
RGB	142, 159, 157
RGB Percent	56%, 62%, 62%
CMY	0.4446, 0.3780, 0.3858
CMYK	0.11, 0.00, 0.01, 0.38
HSL	173°, 8%, 59%
HSV	173°, 11%, 62%
XYZ	29.4746, 32.8017, 36.5037
YIQ	153.6890, -9.4900, -4.2260

Conversions

Conversions Part 2

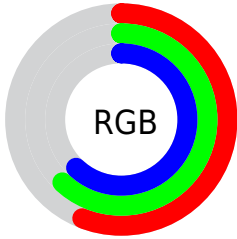
Format	Color
RYB	142, 151, 159
Decimal	9346973
CIELab	64.00, -6.39, -1.01
CIELCh	64, 6.473, 188.953
Yxy	32.8017, 0.2984, 0.3321
Android (android.graphics.Color)	4287537053 (0xFF8E9F9D)
YUV	153.6890, 1.6323, -10.2513
Hunter-Lab	57.2727, -8.3648, 2.3015

Details

The CIELCh color $64, 6.473, 188.953$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 6.818, 10.560$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 6.496, 189.672$, and $44, 6.505, 188.045$ is the 20% darker color. If you saturate the color by 10%, you get $63, 12.257, 188.112$, and if you desaturate by 10%, it is $65, 0.437, 190.680$.

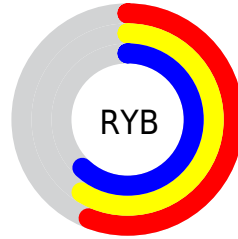
Distribution



Red (56%)

Green (62%)

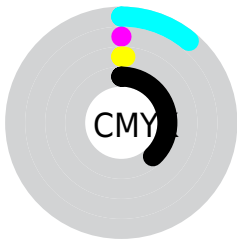
Blue (62%)



Red (56%)

Yellow (59%)

Blue (62%)

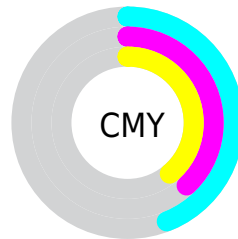


Cyan (11%)

Magenta (0%)

Yellow (1%)

Black (38%)



Cyan (44%)

Magenta (38%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 6.473, 188.953 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, 6.473, 188.953 by changing the saturation by 10% instead.

■ 64, 6.473, 188.953

■ 64, 6.473, 188.953

■ 100, 6.473,
188.953

■ 54, 6.473, 188.953

■ 84, 6.473, 188.953

■ 44, 6.473, 188.953

■ 94, 6.473, 188.953

■ 34, 6.473, 188.953

■ 24, 6.473, 188.953

■ 14, 6.473, 188.953

■ 4, 6.473, 188.953

■ 0, 6.473, 188.953

■ 64, 6.473, 188.953

■ 64, 6.473, 188.953

■ 63, 12.257,

■ 65, 0.437, 190.680

188.112

67, 5.772, 10.345

62, 17.692,
187.283

68, 12.085, 11.140

61, 22.682,
186.432

70, 18.442, 11.894

60, 27.129,
185.548

71, 24.801, 12.628

60, 30.948,
184.617

75, 37.396, 14.044

59, 34.076,
183.622

75, 38.315, 12.886

59, 36.484,
182.546

75, 38.339, 11.408

59, 38.191,
181.368

59, 39.333,
180.213

Harmonies

Complementary

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



64, 6.473, 188.953



60, 6.818, 10.560

Rectangle

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



64, 6.473, 188.953



64, 6.473, 238.953



64, 6.473, 8.953



64, 6.473, 58.953

Sweetspot

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



64, 6.474, 188.942



82, 2.274, 189.713



64, 11.104, 140.259



44, 1.736, 189.603



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, 6.474, 188.942



81, 9.692, 188.729



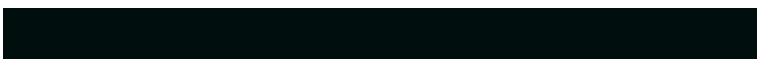
62, 5.253, 240.969



33, 3.416, 189.069



53, 36.379, 180.341



3, 4.578, 187.851

Inverse Universe

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



60, 6.818, 10.560



76, 10.336, 10.815



62, 5.508, 58.800



31, 3.572, 10.414



29, 62.971, 33.844



1, 4.541, 10.199

Previews

White Background



This preview shows how the CIELCh color 64, 6.473, 188.953 looks on a white background.

Color Contrast Check

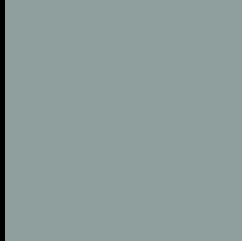
Large Text (above 18pt) WCAG AA × Fail

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, 6.473, 188.953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

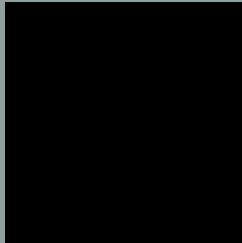
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

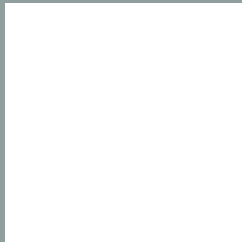
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 6.473, 188.953

Background



This preview shows how black text looks on a background with the CIELCh color 64, 6.473, 188.953.

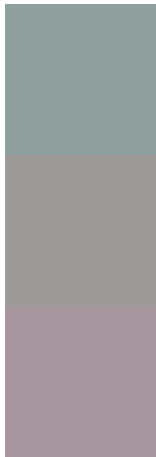


This preview shows how white text looks on a background with the CIELCh color 64, 6.473, 188.953.

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

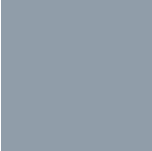
64, 6.473, 188.953

Protanopia

64, 1.542, 19.254

Deuteranopia

64, 8.274, 347.644



Tritanopia
64, 8.087, 255.207

Trichromacy



Original Color
64, 6.473, 188.953

Protanomaly
64, 1.628, 179.544

Deuteranomaly
64, 2.961, 330.632

Tritanomaly
64, 6.377, 230.761

Monochromacy



Original Color
64, 6.473, 188.953

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 2.357, 185.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 6.473, 188.953 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(142, 159, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 159, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 6.473, 188.953 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, 157) }
```

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

```
.border{ border-color:rgb(142, 159, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 159, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 159, 157);  
box-shadow:4px 4px 4px 4px rgb(142, 159,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 6.473, 188.953 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, 157) }
```

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

```
.background{ background-color: rgb(142,  
159, 157) }
```

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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