

Converting Colors

CIELCh(64, 8.329, 297.968)

Have a look what the booklet for
CIELCh(64, 8.329, 297.968) contains.

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Color

CIELCh(64, 8.469, 298.615)

Conversions

Conversions Part 1

Format	Color
Hex	9C99A8
RGB	156, 153, 168
RGB Percent	61%, 60%, 66%
CMY	0.3872, 0.3989, 0.3401
CMYK	0.07, 0.09, 0.00, 0.34
HSL	252°, 8%, 63%
HSV	252°, 9%, 66%
XYZ	32.2901, 32.8017, 41.8076
YIQ	155.6070, -3.0270, 5.3010

Conversions

Conversions Part 2

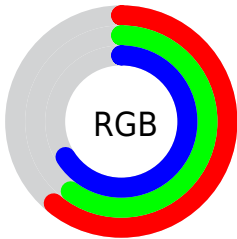
Format	Color
R_{YB}	156, 153, 168
Decimal	10262952
CIE _{Lab}	64.00, 4.06, -7.43
CIE _{LCh}	64, 8.469, 298.615
Yxy	32.8017, 0.3021, 0.3068
Android (android.graphics.Color)	4288453032 (0xFF9C99A8)
YUV	155.6070, 6.1097, 0.3447
Hunter-Lab	57.2727, 0.4103, -3.1892

Details

The CIELCh color $64, 8.469, 298.615$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 8.305, 117.399$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 8.590, 300.366$, and $44, 8.508, 299.350$ is the 20% darker color. If you saturate the color by 10%, you get $58, 18.300, 299.410$, and if you desaturate by 10%, it is $70, 1.002, 117.929$.

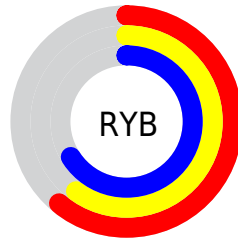
Distribution



Red (61%)

Green (60%)

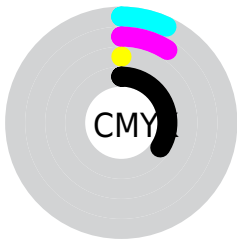
Blue (66%)



Red (61%)

Yellow (60%)

Blue (66%)

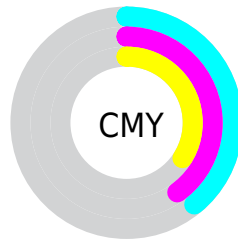


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (34%)



Cyan (39%)

Magenta (40%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 8.469, 298.615 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, 8.469, 298.615 by changing the saturation by 10% instead.

■ 64, 8.469, 298.615

■ 64, 8.469, 298.615

■ 100, 8.469,
298.615

■ 54, 8.469, 298.615

■ 84, 8.469, 298.615

■ 44, 8.469, 298.615

■ 94, 8.469, 298.615

■ 34, 8.469, 298.615

■ 24, 8.469, 298.615

■ 14, 8.469, 298.615

■ 4, 8.469, 298.615

■ 0, 8.469, 298.615

■ 64, 8.469, 298.615

■ 64, 8.469, 298.615

■ 58, 18.300,

■ 70, 1.002, 117.929

299.410

75, 10.126,
117.322

53, 28.506,
300.326

81, 18.927,
116.807

47, 39.079,
301.364

86, 27.424,
116.363

42, 49.966,
302.514

91, 35.637,
115.981

36, 61.020,
303.746

97, 43.585,
115.653

31, 71.908,
304.985

98, 43.413,
109.174

27, 81.982,
306.095

98, 43.372,
106.865

23, 90.201,
306.875

21, 95.883,
307.250

Harmonies

Complementary

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



64, 8.469, 298.615



68, 8.305, 117.399

Rectangle

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



64, 8.469, 298.615



64, 8.469, 348.615



64, 8.469, 118.615



64, 8.469, 168.615

Sweetspot

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



64, 8.467, 298.610



85, 3.503, 298.190



67, 4.745, 217.839



45, 2.654, 298.245



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 8.467, 298.610



80, 13.014, 298.783



65, 9.244, 315.551



33, 5.379, 298.638



17, 87.655, 307.378



1, 9.641, 296.912

Inverse Universe

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



65, 8.813, 331.038



81, 13.508, 331.186



68, 9.168, 134.848



33, 5.596, 331.062



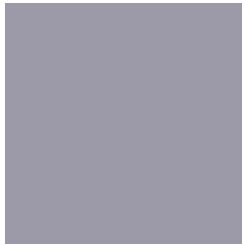
33, 66.105, 337.940



2, 9.712, 332.756

Previews

White Background



This preview shows how the CIELCh color 64, 8.469, 298.615 looks on a white background.

Color Contrast Check

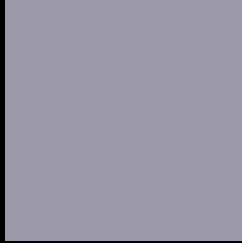
Large Text (above 18pt) WCAG AA × Fail

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 64, 8.469, 298.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

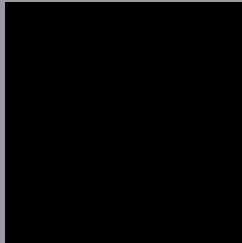
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 8.469, 298.615

Background



This preview shows how black text looks on a background with the CIELCh color 64, 8.469, 298.615.

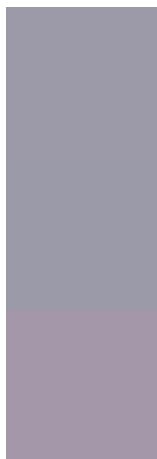


This preview shows how white text looks on a background with the CIELCh color 64, 8.469, 298.615.

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, 8.469, 298.615

Protanopia

64, 8.371, 291.078

Deuteranopia

64, 11.214, 316.860



Tritanopia
64, 6.750, 297.235

Trichromacy



Original Color
64, 8.469, 298.615

Protanomaly
64, 8.385, 293.598

Deuteranomaly
64, 10.110, 310.511

Tritanomaly
64, 7.305, 296.795

Monochromacy



Original Color
64, 8.469, 298.615

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.823, 298.198

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 8.469, 298.615 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(156, 153, 168)` looks like.

```
.text, #text, p{  
    color:rgb(156, 153, 168)  
}
```

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(156, 153, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 153, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 8.469, 298.615 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(156, 153, 168) }
```

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

```
.border{ border-color:rgb(156, 153, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 153, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 153, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 153, 168);  
box-shadow:4px 4px 4px 4px rgb(156, 153,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 8.469, 298.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 153, 168) }
```

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

```
.background{ background-color: rgb(156,  
153, 168) }
```

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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