

Converting Colors

CIELCh(64, 19.558, 293.267)

Have a look what the booklet for
CIELCh(64, 19.558, 293.267)
contains.

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Color

CIELCh(64, 19.558, 293.267)

Conversions

Conversions Part 1

Format	Color
Hex	9998BB
RGB	153, 152, 187
RGB Percent	60%, 60%, 73%
CMY	0.4001, 0.4040, 0.2668
CMYK	0.18, 0.19, 0.00, 0.27
HSL	242°, 20%, 66%
HSV	242°, 19%, 73%
XYZ	33.3198, 32.8017, 51.5698
YIQ	156.2890, -10.6390, 11.0970

Conversions

Conversions Part 2

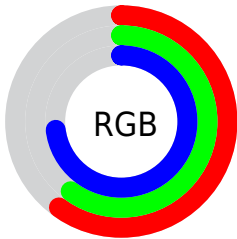
Format	Color
RYB	153, 152, 187
Decimal	10066107
CIELab	64.00, 7.73, -17.97
CIELCh	64, 19.558, 293.267
Yxy	32.8017, 0.2831, 0.2787
Android (android.graphics.Color)	4288256187 (0xFF9998BB)
YUV	156.2890, 15.1405, -2.8845
Hunter-Lab	57.2727, 3.6195, -13.2953

Details

The CIELCh color $64, 19.558, 293.267$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $75, 18.739, 109.592$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 19.569, 293.814$, and $44, 19.810, 292.949$ is the 20% darker color. If you saturate the color by 10%, you get $58, 30.633, 294.580$, and if you desaturate by 10%, it is $70, 8.930, 292.147$.

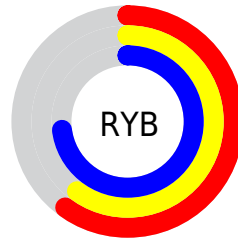
Distribution



Red (60%)

Green (60%)

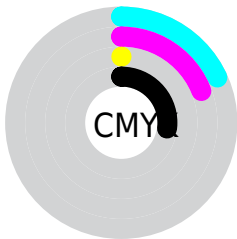
Blue (73%)



Red (60%)

Yellow (60%)

Blue (73%)

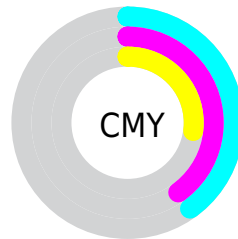


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (27%)



Cyan (40%)

Magenta (40%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 19.558, 293.267 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, 19.558, 293.267 by changing the saturation by 10% instead.


 64, 19.558,
293.267


 64, 19.558,
293.267


 100, 19.558,
293.267


 54, 19.558,
293.267


 84, 19.558,
293.267

 44, 19.558,
293.267

 94, 19.558,
293.267

 34, 19.558,
293.267

 24, 19.558,
293.267

 14, 19.558,
293.267

 4, 19.558, 293.267

 0, 19.558, 293.267

64, 19.558,
293.267

64, 19.558,
293.267

58, 30.633,
294.580

70, 8.930, 292.147

51, 42.180,
296.113

77, 1.278, 111.147

83, 11.098,
110.370

45, 54.184,
297.870

89, 20.558,
109.679

39, 66.530,
299.822

95, 29.685,
109.086

33, 78.859,
301.869

99, 34.211,
107.572

28, 90.344,
303.808

25, 99.525,
305.332

23, 105.188,

306.256

■ 22, 105.834,
306.370

Harmonies

Complementary

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



64, 19.558, 293.267



75, 18.739, 109.592

Rectangle

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



64, 19.558, 293.267



64, 19.558, 343.267



64, 19.558, 113.267



64, 19.558, 163.267

Sweetspot

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



64, 19.557, 293.265



91, 7.550, 291.884



73, 12.126, 199.991



48, 5.054, 291.949



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



64, 19.557, 293.265



78, 28.583, 293.720



65, 20.612, 310.494



36, 5.856, 292.213



18, 93.459, 306.389



1, 17.444, 291.434

Inverse Universe

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



67, 22.814, 326.229



83, 33.111, 326.430



74, 20.116, 128.820



37, 6.933, 325.702



37, 79.084, 329.384



3, 20.900, 326.446

Previews

White Background



This preview shows how the CIELCh color 64, 19.558, 293.267 looks on a white background.

Color Contrast Check

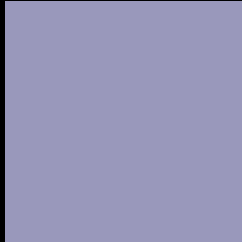
Large Text (above 18pt) WCAG AA × Fail

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, 19.558, 293.267 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, 19.558, 293.267

Background



This preview shows how black text looks on a background with the CIELCh color 64, 19.558, 293.267.



This preview shows how white text looks on a background with the CIELCh color 64, 19.558, 293.267.

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

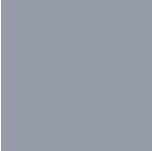
64, 19.558, 293.267

Protanopia

64, 19.054, 284.902

Deuteranopia

64, 19.573, 294.289



Tritanopia
64, 7.535, 273.986

Trichromacy



Original Color
64, 19.558, 293.267

Protanomaly
64, 19.551, 288.186

Deuteranomaly
64, 19.573, 294.289

Tritanomaly
64, 11.778, 284.409

Monochromacy



Original Color
64, 19.558, 293.267

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.691, 290.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 19.558, 293.267 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(153, 152, 187)` looks like.

```
.text, #text, p{  
    color:rgb(153, 152, 187)  
}
```

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(153, 152, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 152, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 19.558, 293.267 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(153, 152, 187) }
```

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

```
.border{ border-color:rgb(153, 152, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 152, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 152, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 152, 187);  
box-shadow:4px 4px 4px 4px rgb(153, 152,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 19.558, 293.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 152, 187) }
```

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

```
.background{ background-color: rgb(153,  
152, 187) }
```

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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