

Converting Colors

CIELCh(59, 5.508, 66.111)

Have a look what the booklet for
CIELCh(59, 5.508, 66.111) contains.

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Color

CIELCh(59, 5.633, 64.093)

Conversions

Conversions Part 1

Format	Color
Hex	968C85
RGB	150, 140, 133
RGB Percent	59%, 55%, 52%
CMY	0.4109, 0.4501, 0.4776
CMYK	0.00, 0.07, 0.11, 0.41
HSL	25°, 8%, 56%
HSV	25°, 11%, 59%
XYZ	26.2803, 27.0277, 26.1030
YIQ	142.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

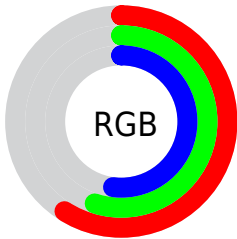
Format	Color
R_{YB}	150, 145, 133
Decimal	9866373
CIE _{Lab}	59.00, 2.46, 5.07
CIE _{LCh}	59, 5.633, 64.093
Yxy	27.0277, 0.3309, 0.3404
Android (android.graphics.Color)	4288056453 (0xFF968C85)
YUV	142.1920, -4.5317, 6.8476
Hunter-Lab	51.9882, -0.7469, 6.6226

Details

The CIELCh color $59, 5.633, 64.093$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 5.399, 246.677$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 5.668, 68.109$, and $39, 5.388, 62.414$ is the 20% darker color. If you saturate the color by 10%, you get $56, 10.933, 63.128$, and if you desaturate by 10%, it is $62, 0.634, 64.642$.

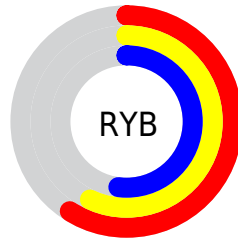
Distribution



Red (59%)

Green (55%)

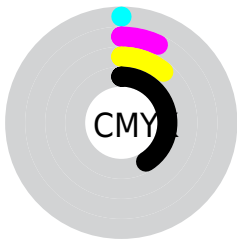
Blue (52%)



Red (59%)

Yellow (57%)

Blue (52%)

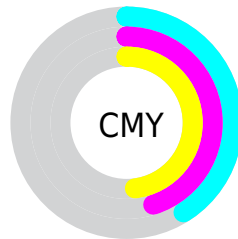


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (41%)



Cyan (41%)

Magenta (45%)


Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 5.633, 64.093 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 59, 5.633, 64.093 by changing the saturation by 10% instead.

 59, 5.633, 64.093  59, 5.633, 64.093

 100, 5.633, 64.093  49, 5.633, 64.093

 79, 5.633, 64.093  39, 5.633, 64.093


 89, 5.633, 64.093  29, 5.633, 64.093

 99, 5.633, 64.093  19, 5.633, 64.093

 9, 5.633, 64.093

 0, 5.633, 64.093

 59, 5.633, 64.093  59, 5.633, 64.093

 56, 10.933, 63.128  62, 0.634, 64.642

 54, 16.560, 62.143  65, 4.094, 246.303

51, 22.531, 61.182

67, 8.581, 247.266

48, 28.846, 60.253

70, 12.855,
248.240

46, 35.460, 59.346

73, 16.941,
249.196

44, 42.249, 58.418

41, 48.926, 57.356

76, 20.862,
250.125

39, 54.917, 55.907

79, 24.639,
251.023

38, 59.631, 54.587

82, 28.287,
251.888

84, 27.288,
241.622

Harmonies

Complementary

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



59, 5.633, 64.093



59, 5.399, 246.677

Rectangle

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



59, 5.633, 64.093



59, 5.633, 114.093



59, 5.633, 244.093



59, 5.633, 294.093

Sweetspot

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



59, 5.633, 64.113



78, 1.809, 64.782



57, 8.864, 339.438



41, 1.386, 64.752



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 5.633, 64.113



74, 8.743, 63.824



61, 8.588, 104.645



30, 2.758, 64.315



35, 55.833, 54.900



1, 2.358, 65.325

Inverse Universe

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



59, 5.399, 246.677



74, 8.274, 247.046



57, 8.762, 287.051



30, 2.667, 246.429



33, 37.430, 272.653



1, 2.359, 245.341

Previews

White Background



This preview shows how the CIELCh color 59, 5.633, 64.093 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 5.633, 64.093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

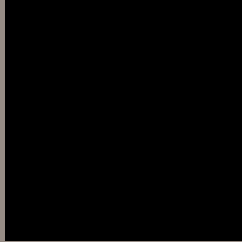
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

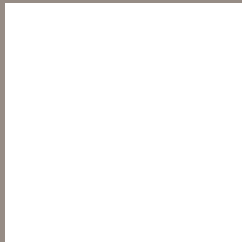
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 5.633, 64.093

Background



This preview shows how black text looks on a background with the CIELCh color 59, 5.633, 64.093.



This preview shows how white text looks on a background with the CIELCh color 59, 5.633, 64.093.

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

59, 5.633, 64.093

Protanopia

59, 4.416, 82.811

Deuteranopia

59, 9.080, 30.933



Tritanopia
59, 8.295, 331.567

Trichromacy



Original Color
59, 5.633, 64.093

Protanomaly
59, 4.832, 74.240

Deuteranomaly
59, 7.618, 37.219

Tritanomaly
59, 5.243, 354.342

Monochromacy



Original Color
59, 5.633, 64.093

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 1.927, 55.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 5.633, 64.093 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(150, 140, 133)` looks like.

```
.text, #text, p{  
    color:rgb(150, 140, 133)  
}
```

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(150, 140, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 140, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 5.633, 64.093 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(150, 140, 133) }
```

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

```
.border{ border-color:rgb(150, 140, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 140, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 140, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 140, 133);  
box-shadow:4px 4px 4px 4px rgb(150, 140,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 5.633, 64.093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 140, 133) }
```

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

```
.background{ background-color: rgb(150,  
140, 133) }
```

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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