

Converting Colors

CIELCh(64, 5.064, 118.484)

Have a look what the booklet for
CIELCh(64, 5.064, 118.484) contains.

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Color

CIELCh(64, 5.064, 118.487)

Conversions

Conversions Part 1

Format	Color
Hex	9A9C93
RGB	154, 156, 147
RGB Percent	60%, 61%, 58%
CMY	0.3957, 0.3878, 0.4231
CMYK	0.01, 0.00, 0.06, 0.39
HSL	73°, 4%, 59%
HSV	73°, 6%, 61%
XYZ	30.5265, 32.8017, 32.3683
YIQ	154.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

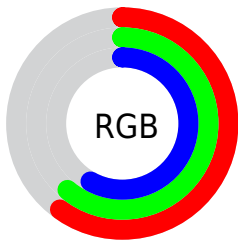
Format	Color
RYB	147, 156, 149
Decimal	10132627
CIELab	64.00, -2.42, 4.45
CIELCh	64, 5.064, 118.487
Yxy	32.8017, 0.3190, 0.3428
Android (android.graphics.Color)	4288322707 (0xFF9A9C93)
YUV	154.3760, -3.6364, -0.3298
Hunter-Lab	57.2727, -5.0866, 6.5825

Details

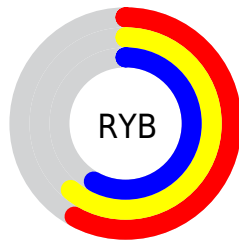
The CIELCh color $64, 5.064, 118.487$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 5.137, 299.229$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 4.790, 118.576$, and $44, 5.440, 118.328$ is the 20% darker color. If you saturate the color by 10%, you get $63, 13.839, 117.851$, and if you desaturate by 10%, it is $65, 3.731, 299.115$.

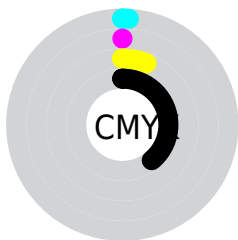
Distribution



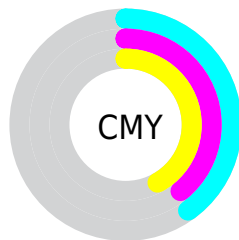
- Red (60%)
- Green (61%)
- Blue (58%)



- Red (58%)
- Yellow (61%)
- Blue (58%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (39%)



- Cyan (40%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 5.064, 118.487 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, 5.064, 118.487 by changing the saturation by 10% instead.

■ 64, 5.064, 118.487

■ 64, 5.064, 118.487

■ 100, 5.064,
118.487

■ 54, 5.064, 118.487

■ 84, 5.064, 118.487

■ 44, 5.064, 118.487

■ 94, 5.064, 118.487

■ 34, 5.064, 118.487

■ 24, 5.064, 118.487

■ 14, 5.064, 118.487

■ 4, 5.064, 118.487

■ 0, 5.064, 118.487

■ 64, 5.064, 118.487

■ 64, 5.064, 118.487

■ 63, 13.839,

■ 65, 3.731, 299.115

117.851

65, 12.514,
299.716

63, 22.537,
117.198

66, 21.256,
300.283

62, 31.082,
116.557

67, 29.938,
300.816

62, 39.358,
115.954

68, 38.544,
301.314

61, 47.193,
115.431

69, 47.063,
301.777

61, 54.338,
115.045

70, 54.756,
302.268

60, 60.453,
114.875

70, 54.865,
303.373

60, 65.150,
115.011

70, 54.992,
304.486

60, 68.182,
115.521

Harmonies

Complementary

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



64, 5.064, 118.487



61, 5.137, 299.229

Rectangle

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



64, 5.064, 118.487



64, 5.064, 168.487



64, 5.064, 298.487



64, 5.064, 348.487

Sweetspot

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



64, 5.066, 118.497



82, 2.178, 118.739



62, 2.956, 41.119



43, 1.235, 118.747



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



64, 5.066, 118.497



81, 7.647, 118.409



64, 5.621, 136.048



33, 4.015, 118.392



55, 64.867, 115.681



4, 6.620, 120.148

Inverse Universe

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



61, 5.137, 299.229



78, 7.770, 299.324



62, 5.657, 316.467



31, 4.081, 299.342



17, 85.151, 307.613



1, 6.586, 298.416

Previews

White Background



This preview shows how the CIELCh color 64, 5.064, 118.487 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, 5.064, 118.487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

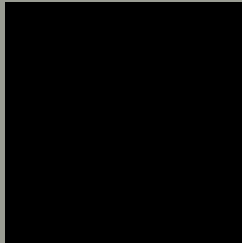
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

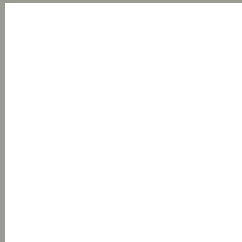
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 5.064, 118.487

Background



This preview shows how black text looks on a background with the CIELCh color 64, 5.064, 118.487.



This preview shows how white text looks on a background with the CIELCh color 64, 5.064, 118.487.

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, 5.064, 118.487

Protanopia

64, 5.020, 81.604

Deuteranopia

64, 8.800, 27.392



Tritanopia
64, 6.890, 303.436

Trichromacy



Original Color
64, 5.064, 118.487

Protanomaly
64, 5.125, 96.330

Deuteranomaly
64, 5.577, 43.205

Tritanomaly
64, 2.373, 309.134

Monochromacy



Original Color
64, 5.064, 118.487

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.257, 119.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 5.064, 118.487 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(154, 156, 147)` looks like.

```
.text, #text, p{  
    color:rgb(154, 156, 147)  
}
```

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(154, 156, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 156, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 5.064, 118.487 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(154, 156, 147) }
```

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

```
.border{ border-color:rgb(154, 156, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 156, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 156, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 156, 147);  
box-shadow:4px 4px 4px 4px rgb(154, 156,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 5.064, 118.487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 156, 147) }
```

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

```
.background{ background-color: rgb(154,  
156, 147) }
```

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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