

Converting Colors

CIELCh(64, 6.332, 306.193)

Have a look what the booklet for
CIELCh(64, 6.332, 306.193) contains.

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Color

CIELCh(64, 6.450, 307.756)

Conversions

Conversions Part 1

Format	Color
Hex	9E99A4
RGB	158, 153, 164
RGB Percent	62%, 60%, 64%
CMY	0.3798, 0.3994, 0.3563
CMYK	0.04, 0.07, 0.00, 0.36
HSL	267°, 6%, 62%
HSV	267°, 7%, 64%
XYZ	32.2605, 32.8017, 39.8251
YIQ	155.7490, -0.5510, 4.4810

Conversions

Conversions Part 2

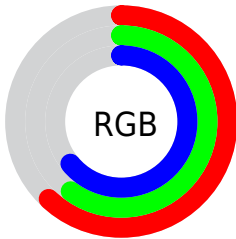
Format	Color
RYB	158, 153, 164
Decimal	10394020
CIELab	64.00, 3.95, -5.10
CIElCh	64, 6.450, 307.756
Yxy	32.8017, 0.3076, 0.3127
Android (android.graphics.Color)	4288584100 (0xFF9E99A4)
YUV	155.7490, 4.0677, 1.9741
Hunter-Lab	57.2727, 0.3180, -1.1369

Details

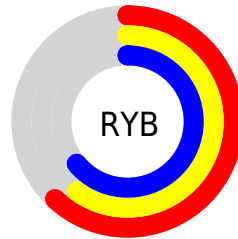
The CIELCh color $64, 6.450, 307.756$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 6.374, 127.175$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 6.719, 309.291$, and $44, 6.356, 309.433$ is the 20% darker color. If you saturate the color by 10%, you get $59, 16.304, 308.255$, and if you desaturate by 10%, it is $69, 3.113, 127.348$.

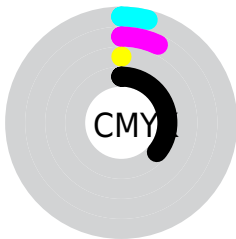
Distribution



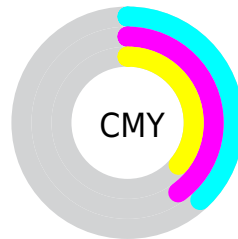
- Red (62%)
- Green (60%)
- Blue (64%)



- Red (62%)
- Yellow (60%)
- Blue (64%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (38%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 6.450, 307.756 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, 6.450, 307.756 by changing the saturation by 10% instead.

■ 64, 6.450, 307.756

■ 64, 6.450, 307.756

■ 100, 6.450,
307.756

■ 54, 6.450, 307.756

■ 84, 6.450, 307.756

■ 44, 6.450, 307.756

■ 94, 6.450, 307.756

■ 34, 6.450, 307.756

■ 24, 6.450, 307.756

■ 14, 6.450, 307.756

■ 4, 6.450, 307.756

■ 0, 6.450, 307.756

■ 64, 6.450, 307.756

■ 64, 6.450, 307.756

■ 59, 16.304,

■ 69, 3.113, 127.348

308.255

74, 12.375,
126.930

54, 26.434,
308.797

79, 21.344,
126.577

49, 36.784,
309.374

84, 30.031,
126.269

44, 47.245,
309.967

89, 38.449,
126.002

39, 57.619,
310.540

94, 46.613,
125.770

35, 67.566,
311.035

96, 47.387,
122.748

31, 76.560,
311.367

96, 46.495,
118.790

27, 83.896,
311.420

97, 45.846,
114.626

25, 88.993,
311.107

Harmonies

Complementary

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



64, 6.450, 307.756



67, 6.374, 127.175

Rectangle

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



64, 6.450, 307.756



64, 6.450, 357.756



64, 6.450, 127.756



64, 6.450, 177.756

Sweetspot

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



64, 6.448, 307.752



84, 2.380, 307.506



65, 3.527, 250.701



45, 1.351, 307.498



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 6.448, 307.752



81, 9.579, 307.823



64, 7.333, 323.408



32, 5.437, 307.878



21, 82.708, 311.124



1, 8.288, 305.922

Inverse Universe

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



64, 5.406, 341.733



81, 8.027, 341.860



66, 7.313, 142.775



32, 4.554, 341.956



31, 56.483, 356.963



1, 6.772, 343.960

Previews

White Background



This preview shows how the CIELCh color 64, 6.450, 307.756 looks on a white background.

Color Contrast Check

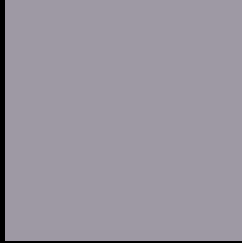
Large Text (above 18pt) WCAG AA × Fail

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, 6.450, 307.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

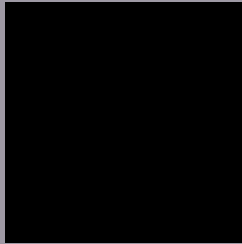
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

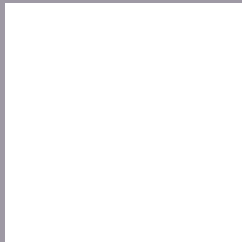
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 6.450, 307.756

Background



This preview shows how black text looks on a background with the CIELCh color 64, 6.450, 307.756.



This preview shows how white text looks on a background with the CIELCh color 64, 6.450, 307.756.

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, 6.450, 307.756

Protanopia

64, 6.158, 294.315

Deuteranopia

64, 9.699, 326.762



Tritanopia
64, 6.984, 306.443

Trichromacy



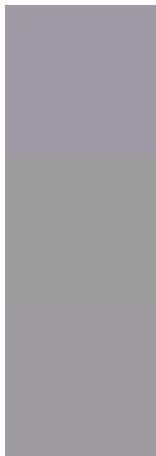
Original Color
64, 6.450, 307.756

Protanomaly
64, 6.197, 297.764

Deuteranomaly
64, 8.399, 320.505

Tritanomaly
64, 6.984, 306.443

Monochromacy



Original Color
64, 6.450, 307.756

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.370, 309.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 6.450, 307.756 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(158, 153, 164)` looks like.

```
.text, #text, p{  
    color:rgb(158, 153, 164)  
}
```

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(158, 153, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 153, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 6.450, 307.756 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(158, 153, 164) }
```

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

```
.border{ border-color:rgb(158, 153, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 153, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 153, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 153, 164); box-shadow:4px 4px 4px 4px rgb(158, 153, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 6.450, 307.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 153, 164) }
```

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

```
.background{ background-color: rgb(158,  
153, 164) }
```

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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