

Converting Colors

CIELCh(64, 6.269, 354.343)

Have a look what the booklet for
CIELCh(64, 6.269, 354.343) contains.

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Color

CIELCh(64, 6.454, 354.463)

Conversions

Conversions Part 1

Format	Color
Hex	A6979C
RGB	166, 151, 156
RGB Percent	65%, 59%, 61%
CMY	0.3476, 0.4065, 0.3869
CMYK	0.00, 0.09, 0.06, 0.35
HSL	340°, 8%, 62%
HSV	340°, 9%, 65%
XYZ	32.9521, 32.8017, 36.2014
YIQ	156.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

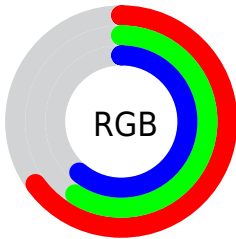
Format	Color
RYB	166, 151, 156
Decimal	10917788
CIELab	64.00, 6.42, -0.62
CIELCh	64, 6.454, 354.463
Yxy	32.8017, 0.3232, 0.3217
Android (android.graphics.Color)	4289107868 (0xFFA6979C)
YUV	156.0550, -0.0271, 8.7218
Hunter-Lab	57.2727, 2.4733, 2.6145

Details

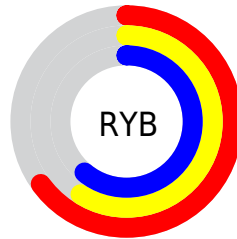
The CIELCh color $64, 6.454, 354.463$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 6.306, 172.955$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 6.435, 355.699$, and $44, 6.566, 353.180$ is the 20% darker color. If you saturate the color by 10%, you get $59, 13.847, 355.547$, and if you desaturate by 10%, it is $69, 0.683, 174.214$.

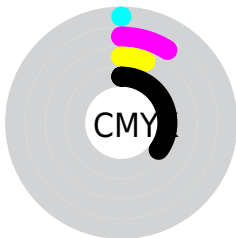
Distribution



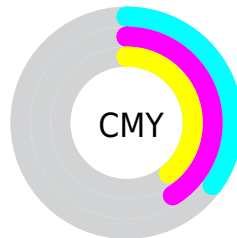
- Red (65%)
- Green (59%)
- Blue (61%)



- Red (65%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (35%)



- Cyan (35%)
- Magenta (41%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 6.454, 354.463 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, 6.454, 354.463 by changing the saturation by 10% instead.

 64, 6.454, 354.463

 64, 6.454, 354.463

 100, 6.454,
354.463

 54, 6.454, 354.463

 84, 6.454, 354.463

 44, 6.454, 354.463

 94, 6.454, 354.463

 34, 6.454, 354.463

 24, 6.454, 354.463

 14, 6.454, 354.463

 4, 6.454, 354.463

 0, 6.454, 354.463

 64, 6.454, 354.463

 64, 6.454, 354.463

 59, 13.847,

 69, 0.683, 174.214

355.547

73, 7.528, 172.860

55, 21.432,
356.764

78, 14.077,
172.104

51, 29.081,
358.192

83, 20.339,
171.432

47, 36.594,
359.907

88, 26.330,
170.823

43, 43.688, 2.015

93, 32.071,
170.266

40, 50.024, 4.653

94, 31.118,
177.039

38, 55.276, 7.987

36, 59.270, 12.173

94, 28.896,
187.373

35, 62.334, 17.099

95, 27.731,
197.708

Harmonies

Complementary

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



64, 6.454, 354.463



67, 6.306, 172.955

Rectangle

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



64, 6.454, 354.463



64, 6.454, 44.463



64, 6.454, 174.463



64, 6.454, 224.463

Sweetspot

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



64, 6.452, 354.471



85, 2.635, 353.787



64, 9.226, 315.020



45, 2.016, 353.898



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, 6.452, 354.471



80, 9.800, 354.700



65, 5.080, 35.561



33, 4.089, 354.500



31, 57.338, 16.975



2, 7.155, 356.881

Inverse Universe

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



64, 6.452, 354.471



80, 9.800, 354.700



66, 4.803, 215.893



33, 4.089, 354.500



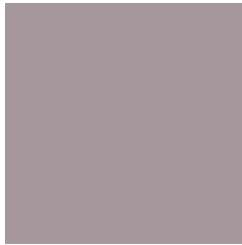
31, 57.338, 16.975



2, 7.155, 356.881

Previews

White Background



This preview shows how the CIELCh color 64, 6.454, 354.463 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, 6.454, 354.463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

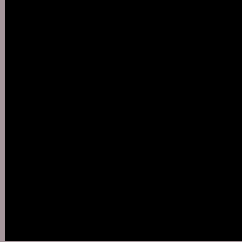
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 6.454, 354.463

Background



This preview shows how black text looks on a background with the CIELCh color 64, 6.454, 354.463.



This preview shows how white text looks on a background with the CIELCh color 64, 6.454, 354.463.

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, 6.454, 354.463

Protanopia

64, 2.525, 317.335

Deuteranopia

64, 8.341, 352.385



Tritanopia
64, 9.359, 334.698

Trichromacy



Original Color
64, 6.454, 354.463

Protanomaly
64, 3.512, 340.230

Deuteranomaly
64, 7.998, 351.025

Tritanomaly
64, 8.610, 339.916

Monochromacy



Original Color
64, 6.454, 354.463

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.575, 353.874

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 6.454, 354.463 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(166, 151, 156)` looks like.

```
.text, #text, p{  
    color:rgb(166, 151, 156)  
}
```

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(166, 151, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 151, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 6.454, 354.463 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(166, 151, 156) }
```

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

```
.border{ border-color:rgb(166, 151, 156) }
```

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

Here you see how a box with a 4 pixel rgb(166, 151, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 151, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 151, 156);  
box-shadow:4px 4px 4px 4px rgb(166, 151,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 6.454, 354.463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 151, 156) }
```

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

```
.background{ background-color: rgb(166,  
151, 156) }
```

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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