

Converting Colors

CIELCh(64, 6.875, 347.944)

Have a look what the booklet for
CIELCh(64, 6.875, 347.944) contains.

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Color

CIELCh(64, 6.994, 346.198)

Conversions

Conversions Part 1

Format	Color
Hex	A6979E
RGB	166, 151, 158
RGB Percent	65%, 59%, 62%
CMY	0.3482, 0.4070, 0.3796
CMYK	0.00, 0.09, 0.05, 0.35
HSL	332°, 8%, 62%
HSV	332°, 9%, 65%
XYZ	33.0558, 32.8017, 37.0273
YIQ	156.2830, 6.6930, 5.3570

Conversions

Conversions Part 2

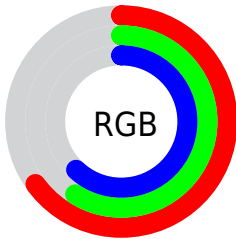
Format	Color
R _Y B	166, 151, 158
Decimal	10917790
CIE Lab	64.00, 6.79, -1.67
CIE LCh	64, 6.994, 346.198
Yxy	32.8017, 0.3213, 0.3188
Android (android.graphics.Color)	4289107870 (0xFFA6979E)
YUV	156.2830, 0.8465, 8.5218
Hunter-Lab	57.2727, 2.7966, 1.7594

Details

The CIELCh color $64, 6.994, 346.198$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 6.896, 164.787$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 7.217, 344.191$, and $44, 7.168, 344.598$ is the 20% darker color. If you saturate the color by 10%, you get $59, 14.914, 347.164$, and if you desaturate by 10%, it is $69, 0.738, 165.911$.

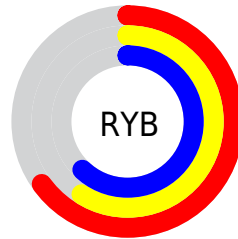
Distribution



Red (65%)

Green (59%)

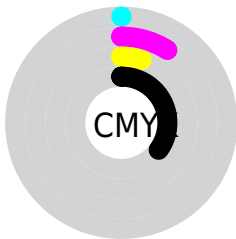
Blue (62%)



Red (65%)

Yellow (59%)

Blue (62%)

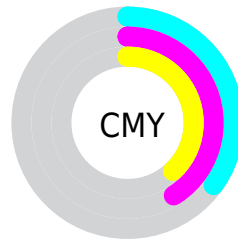


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (35%)



Cyan (35%)

Magenta (41%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 6.994, 346.198 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, 6.994, 346.198 by changing the saturation by 10% instead.

64, 6.994, 346.198

64, 6.994, 346.198

100, 6.994,
346.198

54, 6.994, 346.198

84, 6.994, 346.198

44, 6.994, 346.198

94, 6.994, 346.198

34, 6.994, 346.198

24, 6.994, 346.198

14, 6.994, 346.198

4, 6.994, 346.198

0, 6.994, 346.198

64, 6.994, 346.198

64, 6.994, 346.198

59, 14.914,

69, 0.738, 165.911

347.164

73, 8.225, 164.700

55, 22.934,
348.223

78, 15.449,
163.983

51, 30.897,
349.431

83, 22.409,
163.334

47, 38.568,
350.841

88, 29.111,
162.738

43, 45.625,
352.528

92, 35.570,
162.187

41, 51.683,
354.596

94, 34.953,
166.423

38, 56.360,
357.183

94, 32.387,
173.021

36, 59.414, 0.451

94, 30.256,
180.611

35, 61.140, 4.414

Harmonies

Complementary

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



64, 6.994, 346.198



67, 6.896, 164.787

Rectangle

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



64, 6.994, 346.198



64, 6.994, 36.198



64, 6.994, 166.198



64, 6.994, 216.198

Sweetspot

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



64, 6.992, 346.204



85, 2.864, 345.590



64, 8.943, 310.596



45, 2.190, 345.688



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, 6.992, 346.204



80, 10.607, 346.408



64, 5.683, 22.655



33, 4.431, 346.229



31, 56.298, 4.318



2, 7.655, 349.316

Inverse Universe

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



64, 6.992, 346.204



80, 10.607, 346.408



67, 5.370, 201.984



33, 4.431, 346.229



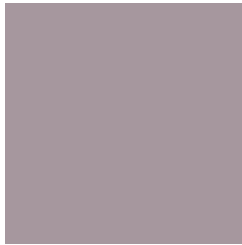
31, 56.298, 4.318



2, 7.655, 349.316

Previews

White Background



This preview shows how the CIELCh color 64, 6.994, 346.198 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 CIELCh color 64, 6.994, 346.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

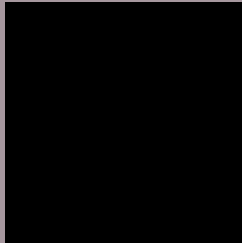
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

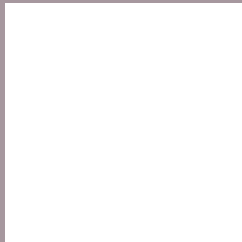
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 6.994, 346.198

Background



This preview shows how black text looks on a background with the CIELCh color 64, 6.994, 346.198.



This preview shows how white text looks on a background with the CIELCh color 64, 6.994, 346.198.

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, 6.994, 346.198

Protanopia

64, 3.447, 303.232

Deuteranopia

64, 8.604, 349.092



Tritanopia
64, 8.690, 335.412

Trichromacy



Original Color
64, 6.994, 346.198

Protanomaly
64, 4.309, 328.807

Deuteranomaly
64, 8.274, 347.644

Tritanomaly
64, 8.312, 338.142

Monochromacy



Original Color
64, 6.994, 346.198

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.862, 343.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 6.994, 346.198 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(166, 151, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 151, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 6.994, 346.198 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, 158) }
```

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

```
.border{ border-color:rgb(166, 151, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 151, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 151, 158);  
box-shadow:4px 4px 4px 4px rgb(166, 151,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 6.994, 346.198 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, 158) }
```

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

```
.background{ background-color: rgb(166,  
151, 158) }
```

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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