

Converting Colors

CIELCh(64, 5.458, 344.298)

Have a look what the booklet for
CIELCh(64, 5.458, 344.298) contains.

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Color

CIELCh(64, 5.721, 344.184)

Conversions

Conversions Part 1

Format	Color
Hex	A4989E
RGB	164, 152, 158
RGB Percent	64%, 60%, 62%
CMY	0.3570, 0.4040, 0.3805
CMYK	0.00, 0.07, 0.04, 0.36
HSL	330°, 6%, 62%
HSV	330°, 7%, 64%
XYZ	32.6940, 32.8017, 36.9404
YIQ	156.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

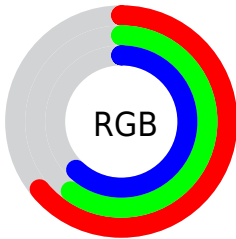
Format	Color
RYB	164, 152, 158
Decimal	10786974
CIELab	64.00, 5.50, -1.56
CIELCh	64, 5.721, 344.184
Yxy	32.8017, 0.3192, 0.3202
Android (android.graphics.Color)	4288977054 (0xFFA4989E)
YUV	156.2720, 0.8519, 6.7775
Hunter-Lab	57.2727, 1.6689, 1.8494

Details

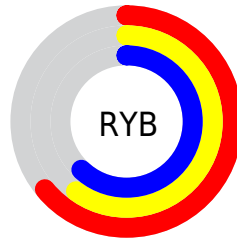
The CIELCh color $64, 5.721, 344.184$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 5.660, 163.125$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 6.021, 342.038$, and $44, 5.810, 341.980$ is the 20% darker color. If you saturate the color by 10%, you get $59, 13.687, 345.108$, and if you desaturate by 10%, it is $69, 2.060, 163.622$.

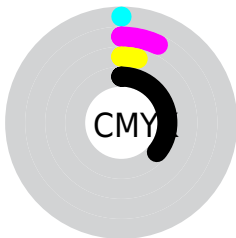
Distribution



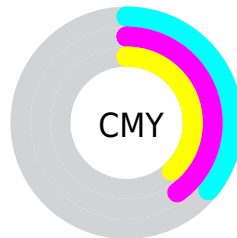
- Red (64%)
- Green (60%)
- Blue (62%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 5.721, 344.184 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, 5.721, 344.184 by changing the saturation by 10% instead.

■ 64, 5.721, 344.184

■ 64, 5.721, 344.184

■ 100, 5.721,
344.184

■ 54, 5.721, 344.184

■ 84, 5.721, 344.184

■ 44, 5.721, 344.184

■ 94, 5.721, 344.184

■ 34, 5.721, 344.184

■ 24, 5.721, 344.184

■ 14, 5.721, 344.184

■ 4, 5.721, 344.184

■ 0, 5.721, 344.184

■ 64, 5.721, 344.184

■ 64, 5.721, 344.184

■ 59, 13.687,

■ 69, 2.060, 163.622

345.108

73, 9.603, 162.757

55, 21.755,
346.103

78, 16.890,
162.069

51, 29.774,
347.222

83, 23.918,
161.441

47, 37.521,
348.513

87, 30.696,
160.862

44, 44.684,
350.036

92, 37.236,
160.324

41, 50.884,
351.880

94, 37.068,
163.698

38, 55.723,
354.164

94, 34.519,
169.230

36, 58.916,
357.039

94, 32.286,
175.551

35, 60.548, 0.600

Harmonies

Complementary

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



64, 5.721, 344.184



66, 5.660, 163.125

Rectangle

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



64, 5.721, 344.184



64, 5.721, 34.184



64, 5.721, 164.184



64, 5.721, 214.184

Sweetspot

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



64, 5.719, 344.190



85, 1.934, 343.599



64, 7.104, 309.372



45, 1.098, 343.576



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, 5.719, 344.190



81, 8.764, 344.359



64, 4.677, 19.750



32, 4.415, 344.368



31, 55.838, 1.121



1, 6.583, 346.270

Inverse Universe

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



64, 5.719, 344.190



81, 8.764, 344.359



66, 4.471, 199.118



32, 4.415, 344.368



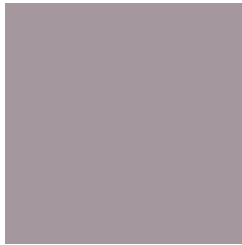
31, 55.838, 1.121



1, 6.583, 346.270

Previews

White Background



This preview shows how the CIELCh color 64, 5.721, 344.184 looks on a white background.

Color Contrast Check

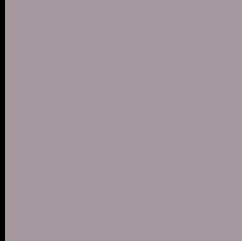
Large Text (above 18pt) WCAG AA × Fail

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, 5.721, 344.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

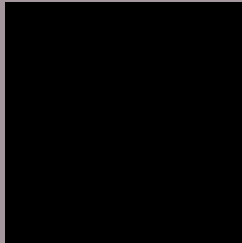
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

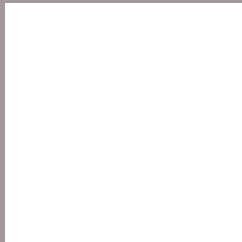
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 5.721, 344.184

Background



This preview shows how black text looks on a background with the CIELCh color 64, 5.721, 344.184.



This preview shows how white text looks on a background with the CIELCh color 64, 5.721, 344.184.

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, 5.721, 344.184

Protanopia

64, 3.032, 312.568

Deuteranopia

64, 8.604, 349.092



Tritanopia
64, 8.591, 329.076

Trichromacy



Original Color
64, 5.721, 344.184

Protanomaly
64, 4.309, 328.807

Deuteranomaly
64, 7.319, 347.944

Tritanomaly
64, 7.761, 334.237

Monochromacy



Original Color
64, 5.721, 344.184

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.909, 343.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 5.721, 344.184 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(164, 152, 158)` looks like.

```
.text, #text, p{  
    color:rgb(164, 152, 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(164, 152, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 152, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 5.721, 344.184 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(164, 152, 158) }
```

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

```
.border{ border-color:rgb(164, 152, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 152, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 152, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 152, 158);  
box-shadow:4px 4px 4px 4px rgb(164, 152,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 5.721, 344.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 152, 158) }
```

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

```
.background{ background-color: rgb(164,  
152, 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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