

Converting Colors

CIELCh(51, 1.675, 343.691)

Have a look what the booklet for
CIELCh(51, 1.675, 343.691) contains.

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Color

CIELCh(51, 1.346, 353.659)

Conversions

Conversions Part 1	
Format	Color
Hex	7C797A
RGB	124, 121, 122
RGB Percent	49%, 47%, 48%
CMY	0.5148, 0.5266, 0.5227
CMYK	0.00, 0.02, 0.02, 0.51
HSL	340°, 1%, 48%
HSV	340°, 2%, 49%
XYZ	18.5699, 19.2686, 21.0613
YIQ	122.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

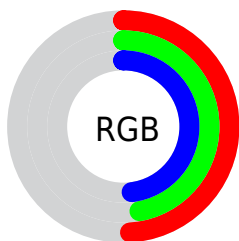
Format	Color
RYB	124, 121, 122
Decimal	8157562
CIELab	51.00, 1.34, -0.15
CIELCh	51, 1.346, 353.659
Yxy	19.2686, 0.3153, 0.3271
Android (android.graphics.Color)	4286347642 (0xFF7C797A)
YUV	122.0110, -0.0054, 1.7444
Hunter-Lab	43.8960, -1.3048, 2.2798

Details

The CIELCh color $51, 1.346, 353.659$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 1.330, 173.761$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 1.262, 353.509$, and $31, 0.879, 19.238$ is the 20% darker color. If you saturate the color by 10%, you get $47, 7.014, 354.816$, and if you desaturate by 10%, it is $55, 4.108, 173.190$.

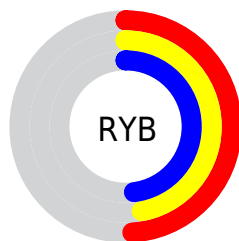
Distribution



Red (49%)

Green (47%)

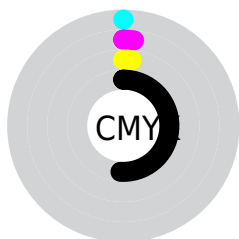
Blue (48%)



Red (49%)

Yellow (47%)

Blue (48%)

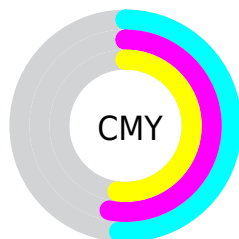


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 1.346, 353.659 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 51, 1.346, 353.659 by changing the saturation by 10% instead.

 51, 1.346, 353.659

 51, 1.346, 353.659

100, 1.346,
353.659

 41, 1.346, 353.659

 71, 1.346, 353.659

 31, 1.346, 353.659

 81, 1.346, 353.659

 21, 1.346, 353.659

 91, 1.346, 353.659


 11, 1.346, 353.659

 1, 1.346, 353.659


 0, 1.346, 353.659

 51, 1.346, 353.659

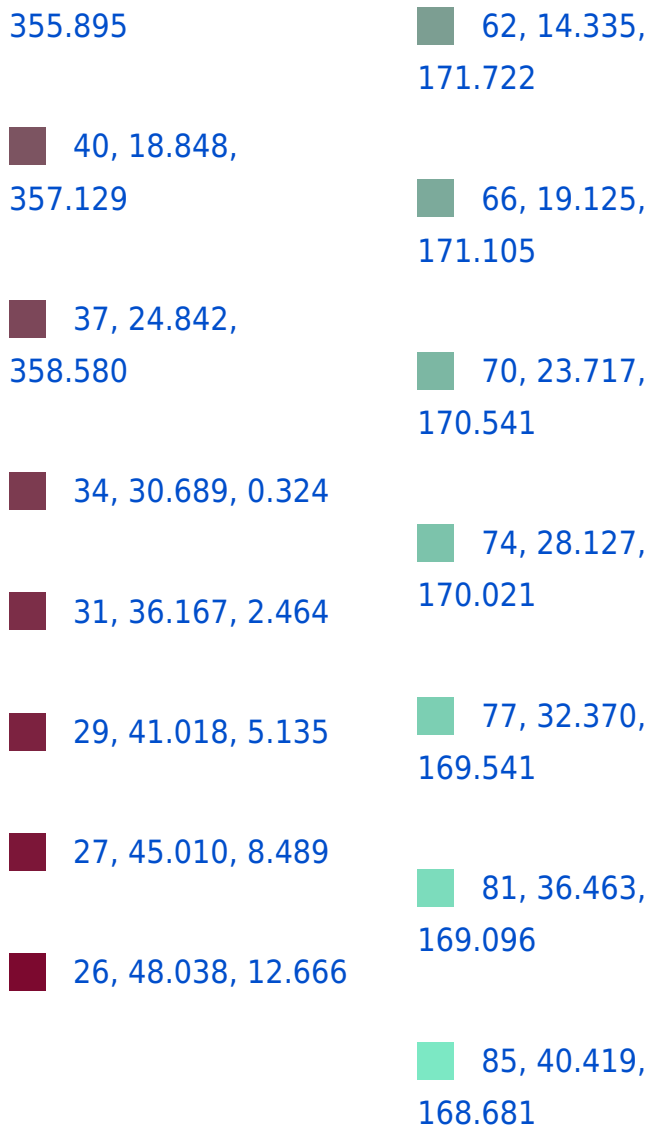
 51, 1.346, 353.659

 47, 7.014, 354.816

 55, 4.108, 173.190

 44, 12.869,

 59, 9.333, 172.405



Harmonies

Complementary

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



51, 1.346, 353.659



52, 1.330, 173.761

Rectangle

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



51, 1.346, 353.659



51, 1.346, 43.659



51, 1.346, 173.659



51, 1.346, 223.659

Sweetspot

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



51, 1.345, 353.691



66, 0.688, 353.238



51, 1.934, 314.702



34, 0.395, 353.187



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



51, 1.345, 353.691



65, 2.064, 353.799



51, 1.042, 35.302



25, 1.242, 353.877



25, 50.569, 16.033



53, 86.238, 19.284

Inverse Universe

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



51, 1.345, 353.691



65, 2.064, 353.799



52, 1.029, 216.078



25, 1.242, 353.877



25, 50.569, 16.033



53, 86.238, 19.284

Previews

White Background



This preview shows how the CIELCh color 51, 1.346, 353.659 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 1.346, 353.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

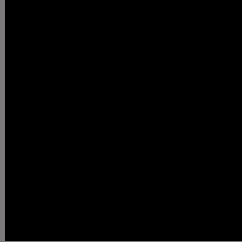
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

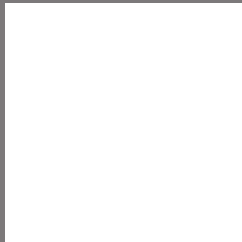
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 1.346, 353.659

Background



This preview shows how black text looks on a background with the CIELCh color 51, 1.346, 353.659.



This preview shows how white text looks on a background with the CIELCh color 51, 1.346, 353.659.

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


51, 1.346, 353.659

Protanopia

51, 1.000, 343.494

Deuteranopia

51, 6.530, 359.305



Tritanopia
51, 5.632, 311.252

Trichromacy



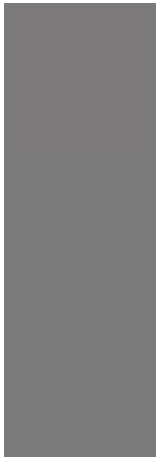
Original Color
51, 1.346, 353.659

Protanomaly
51, 1.000, 343.494

Deuteranomaly
51, 4.793, 358.575

Tritanomaly
51, 4.047, 319.967

Monochromacy



Original Color
51, 1.346, 353.659

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 0.401, 18.493

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 51, 1.346, 353.659 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(124, 121, 122)` looks like.

```
.text, #text, p{  
    color:rgb(124, 121, 122)  
}
```

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(124, 121, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 121, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 1.346, 353.659 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(124, 121, 122) }
```

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

```
.border{ border-color:rgb(124, 121, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 121, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 121, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 121, 122);  
box-shadow:4px 4px 4px 4px rgb(124, 121,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 1.346, 353.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 121, 122) }
```

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

```
.background{ background-color: rgb(124,  
121, 122) }
```

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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