

Converting Colors

CIELCh(51, 13.500, 340.567)

Have a look what the booklet for
CIELCh(51, 13.500, 340.567)
contains.

CIELCh(51, 13.588, 341.151)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(51, 13.588, 341.151)

Conversions

Conversions Part 1

Format	Color
Hex	8C7281
RGB	140, 114, 129
RGB Percent	55%, 45%, 51%
CMY	0.4501, 0.5521, 0.4933
CMYK	0.00, 0.19, 0.08, 0.45
HSL	325°, 10%, 50%
HSV	325°, 19%, 55%
XYZ	20.8713, 19.2686, 23.4642
YIQ	123.4840, 10.6810, 10.1770

Conversions

Conversions Part 2

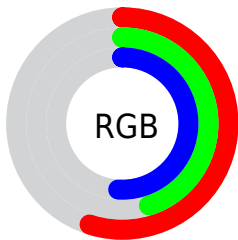
Format	Color
R_{YB}	140, 114, 129
Decimal	9204353
CIE _{Lab}	51.00, 12.86, -4.39
CIE _{LCh}	51, 13.588, 341.151
Yxy	19.2686, 0.3281, 0.3029
Android (android.graphics.Color)	4287394433 (0xFF8C7281)
YUV	123.4840, 2.7194, 14.4845
Hunter-Lab	43.8960, 8.0534, -0.9657

Details

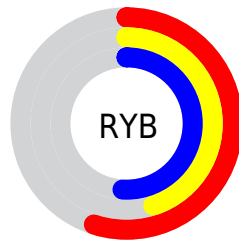
The CIELCh color $51, 13.588, 341.151$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $56, 13.379, 158.274$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 13.688, 341.107$, and $31, 13.676, 341.425$ is the 20% darker color. If you saturate the color by 10%, you get $47, 21.011, 342.043$, and if you desaturate by 10%, it is $55, 6.207, 340.322$.

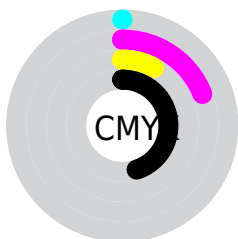
Distribution



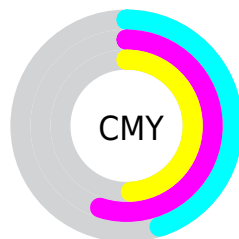
- Red (55%)
- Green (45%)
- Blue (51%)



- Red (55%)
- Yellow (45%)
- Blue (51%)



- Cyan (0%)
- Magenta (19%)
- Yellow (8%)
- Black (45%)





- Cyan (45%)
- Magenta (55%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 13.588, 341.151 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, 13.588, 341.151 by changing the saturation by 10% instead.


 51, 13.588,
341.151


 51, 13.588,
341.151


 100, 13.588,
341.151


 41, 13.588,
341.151


 71, 13.588,
341.151

 31, 13.588,
341.151

 81, 13.588,
341.151

 21, 13.588,
341.151

 91, 13.588,
341.151

 11, 13.588,
341.151

 1, 13.588, 341.151

 0, 13.588, 341.151

51, 13.588,
341.151

51, 13.588,
341.151

47, 21.011,
342.043

55, 6.207, 340.322

59, 1.037, 159.910

44, 28.338,
343.026

63, 8.093, 158.980

40, 35.356,
344.134

67, 14.935,
158.327

37, 41.782,
345.411

71, 21.556,
157.728

35, 47.272,
346.918

75, 27.958,
157.170

33, 51.476,
348.745

79, 34.149,
156.650


31, 54.130,
351.005

84, 40.143,
156.163

30, 55.478,

353.707

 88, 45.951,
155.707

 30, 55.674,
354.102

Harmonies

Complementary

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



51, 13.588, 341.151



56, 13.379, 158.274

Rectangle

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



51, 13.588, 341.151



51, 13.588, 31.151



51, 13.588, 161.151



51, 13.588, 211.151

Sweetspot

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



51, 13.586, 341.153



71, 5.356, 340.119



50, 15.856, 307.032



37, 3.582, 340.166



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



51, 13.586, 341.153



63, 19.903, 341.492



51, 10.880, 14.058



27, 4.040, 340.371



28, 53.509, 353.914



0, 1.858, 339.728

Inverse Universe

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



51, 13.586, 341.153



63, 19.903, 341.492



56, 9.860, 191.220



27, 4.040, 340.371



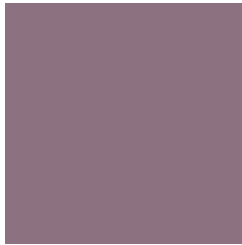
28, 53.509, 353.914



0, 1.858, 339.728

Previews

White Background



This preview shows how the CIE LCh color 51, 13.588, 341.151 looks on a white background.

Color Contrast Check

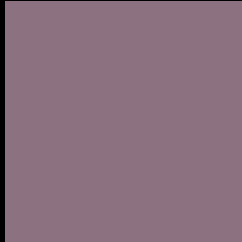
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.588, 341.151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

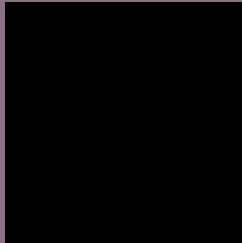
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 13.588, 341.151

Background



This preview shows how black text looks on a background with the CIELCh color 51, 13.588, 341.151.



This preview shows how white text looks on a background with the CIELCh color 51, 13.588, 341.151.

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, 13.588, 341.151

Protanopia

51, 7.001, 287.930

Deuteranopia

51, 7.566, 329.899



Tritanopia
51, 11.423, 353.602

Trichromacy



Original Color
51, 13.588, 341.151

Protanomaly
51, 8.241, 313.376

Deuteranomaly
51, 9.360, 337.370

Tritanomaly
51, 11.953, 348.583

Monochromacy



Original Color
51, 13.588, 341.151

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 5.332, 339.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 13.588, 341.151 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(140, 114, 129)` looks like.

```
.text, #text, p{  
    color:rgb(140, 114, 129)  
}
```

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(140, 114, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 114, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 13.588, 341.151 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(140, 114, 129) }
```

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

```
.border{ border-color:rgb(140, 114, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 114, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 114, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 114, 129);  
box-shadow:4px 4px 4px 4px rgb(140, 114,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 13.588, 341.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 114, 129) }
```

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

```
.background{ background-color: rgb(140,  
114, 129) }
```

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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