

Converting Colors

CIELCh(58, 13.041, 320.295)

Have a look what the booklet for
CIELCh(58, 13.041, 320.295)
contains.

CIELCh(58, 13.151, 320.856)	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(58, 13.151, 320.856)

Conversions

Conversions Part 1

Format	Color
Hex	97869A
RGB	151, 134, 154
RGB Percent	59%, 53%, 60%
CMY	0.4079, 0.4745, 0.3961
CMYK	0.02, 0.13, 0.00, 0.40
HSL	291°, 9%, 56%
HSV	291°, 13%, 60%
XYZ	27.1187, 25.9610, 34.1518
YIQ	141.3630, 3.7120, 9.8240

Conversions

Conversions Part 2

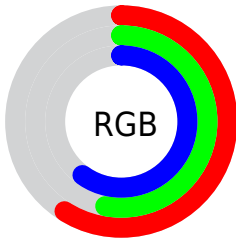
Format	Color
R_{YB}	151, 134, 154
Decimal	9930394
CIE Lab	58.00, 10.20, -8.30
CIE LCh	58, 13.151, 320.856
Yxy	25.9610, 0.3109, 0.2976
Android (android.graphics.Color)	4288120474 (0xFF97869A)
YUV	141.3630, 6.2300, 8.4516
Hunter-Lab	50.9519, 5.8392, -4.0743

Details

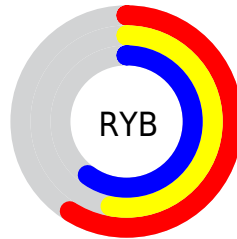
The CIELCh color $58, 13.151, 320.856$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 13.083, 139.666$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 13.061, 320.942$, and $38, 13.442, 320.840$ is the 20% darker color. If you saturate the color by 10%, you get $54, 23.405, 321.315$, and if you desaturate by 10%, it is $62, 3.002, 320.357$.

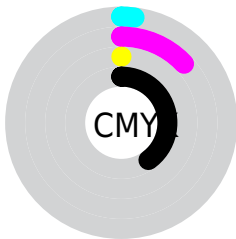
Distribution



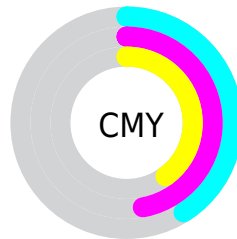
- Red (59%)
- Green (53%)
- Blue (60%)



- Red (59%)
- Yellow (53%)
- Blue (60%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (40%)





- Cyan (41%)
- Magenta (47%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 13.151, 320.856 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 58, 13.151, 320.856 by changing the saturation by 10% instead.


 58, 13.151,
320.856


 58, 13.151,
320.856


 100, 13.151,
320.856


 48, 13.151,
320.856


 78, 13.151,
320.856


 38, 13.151,
320.856


 88, 13.151,
320.856

 28, 13.151,
320.856

 98, 13.151,
320.856

 18, 13.151,
320.856

 8, 13.151, 320.856

 0, 13.151, 320.856

58, 13.151,
320.856

58, 13.151,
320.856

54, 23.405,
321.315

62, 3.002, 320.357

50, 33.636,
321.760

67, 6.952, 140.006

46, 43.644,
322.172

71, 16.665,
139.571

42, 53.148,
322.529

76, 26.111,
139.170

39, 61.784,
322.801

80, 35.282,
138.798

37, 69.129,
322.952

84, 44.179,
138.453


34, 74.772,
322.950


89, 52.808,
138.134

33, 78.432,

93, 59.941,
137.799

322.765

 93, 59.519,
137.207

 32, 80.254,
322.572

Harmonies

Complementary

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



58, 13.151, 320.856



62, 13.083, 139.666

Rectangle

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



58, 13.151, 320.856



58, 13.151, 10.856



58, 13.151, 140.856



58, 13.151, 190.856

Sweetspot

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



58, 13.149, 320.856



79, 5.008, 320.423



57, 9.553, 283.862



42, 3.589, 320.461



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 13.149, 320.856



73, 20.210, 321.010



58, 10.889, 336.543



30, 5.677, 320.679



29, 74.945, 322.616



1, 6.069, 319.904

Inverse Universe

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



58, 8.177, 8.255



72, 12.659, 8.611



62, 10.811, 154.754



30, 3.502, 7.868



29, 60.811, 31.709



1, 3.687, 7.331

Previews

White Background



This preview shows how the CIELCh color 58, 13.151, 320.856 looks on a white background.

Color Contrast Check

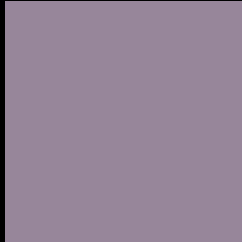
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 58, 13.151, 320.856 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 58, 13.151, 320.856

Background



This preview shows how black text looks on a background with the CIELCh color 58, 13.151, 320.856.



This preview shows how white text looks on a background with the CIELCh color 58, 13.151, 320.856.

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


58, 13.151, 320.856

Protanopia

58, 10.814, 289.473

Deuteranopia

58, 10.972, 311.468



Tritanopia
58, 8.587, 333.586

Trichromacy



Original Color
58, 13.151, 320.856

Protanomaly
58, 11.009, 301.176

Deuteranomaly
58, 11.944, 315.724

Tritanomaly
58, 9.886, 326.813

Monochromacy



Original Color
58, 13.151, 320.856

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 5.321, 321.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 13.151, 320.856 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(151, 134, 154)` looks like.

```
.text, #text, p{  
    color:rgb(151, 134, 154)  
}
```

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(151, 134, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 134, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 13.151, 320.856 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(151, 134, 154) }
```

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

```
.border{ border-color:rgb(151, 134, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 134, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 134, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 134, 154);  
box-shadow:4px 4px 4px 4px rgb(151, 134,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 13.151, 320.856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 134, 154) }
```

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

```
.background{ background-color: rgb(151,  
134, 154) }
```

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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