

Converting Colors

CIELCh(51, 11.905, 330.792)

Have a look what the booklet for
CIELCh(51, 11.905, 330.792)
contains.

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Color

CIELCh(51, 12.005, 329.903)

Conversions

Conversions Part 1

Format	Color
Hex	877484
RGB	135, 116, 132
RGB Percent	53%, 45%, 52%
CMY	0.4710, 0.5455, 0.4828
CMYK	0.00, 0.14, 0.02, 0.47
HSL	309°, 8%, 49%
HSV	309°, 14%, 53%
XYZ	20.3622, 19.2686, 24.4343
YIQ	123.5050, 6.1880, 9.0040

Conversions

Conversions Part 2

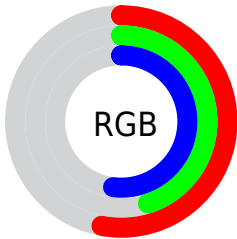
Format	Color
R_{YB}	135, 116, 132
Decimal	8877188
CIE Lab	51.00, 10.39, -6.02
CIE LCh	51, 12.005, 329.903
Yxy	19.2686, 0.3178, 0.3008
Android (android.graphics.Color)	4287067268 (0xFF877484)
YUV	123.5050, 4.1880, 10.0811
Hunter-Lab	43.8960, 5.9833, -2.2759

Details

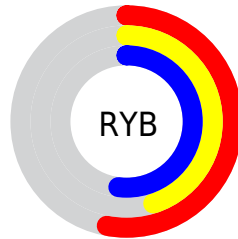
The CIELCh color $51, 12.005, 329.903$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 11.972, 148.231$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 11.937, 329.449$, and $31, 12.010, 328.877$ is the 20% darker color. If you saturate the color by 10%, you get $47, 20.585, 330.513$, and if you desaturate by 10%, it is $55, 3.460, 329.272$.

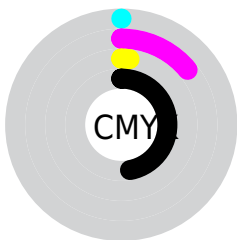
Distribution



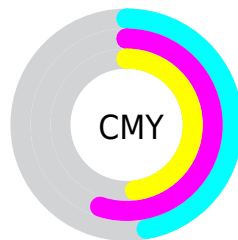
- Red (53%)
- Green (45%)
- Blue (52%)



- Red (53%)
- Yellow (45%)
- Blue (52%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (47%)





- Cyan (47%)
- Magenta (55%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 12.005, 329.903 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, 12.005, 329.903 by changing the saturation by 10% instead.


 51, 12.005,
329.903


 51, 12.005,
329.903


 100, 12.005,
329.903


 41, 12.005,
329.903


 71, 12.005,
329.903

 31, 12.005,
329.903

 81, 12.005,
329.903

 21, 12.005,
329.903

 91, 12.005,
329.903

 11, 12.005,
329.903

 1, 12.005, 329.903

 0, 12.005, 329.903

51, 12.005,
329.903

51, 12.005,
329.903

47, 20.585,
330.513

55, 3.460, 329.272

44, 29.062,
331.130

59, 4.951, 148.815

41, 37.229,
331.754

62, 13.172,
148.244

38, 44.814,
332.382

66, 21.171,
147.717

35, 51.489,
333.017

70, 28.936,
147.220

33, 56.902,
333.663

74, 36.465,
146.749


32, 60.752,
334.334


78, 43.764,
146.305

31, 62.904,

82, 50.843,
145.885

335.049

 86, 57.713,
145.491

 30, 63.842,
335.478

Harmonies

Complementary

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



51, 12.005, 329.903



54, 11.972, 148.231

Rectangle

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



51, 12.005, 329.903



51, 12.005, 19.903



51, 12.005, 149.903



51, 12.005, 199.903

Sweetspot

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



51, 12.003, 329.904



70, 4.212, 329.273



50, 11.220, 297.158



37, 3.018, 329.321



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



51, 12.003, 329.904



64, 18.029, 330.104



51, 8.639, 353.856



26, 4.727, 329.600



29, 62.204, 335.448



0, 1.125, 329.098

Inverse Universe

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



51, 12.003, 329.904



64, 18.029, 330.104



55, 8.363, 171.370



26, 4.727, 329.600



29, 62.204, 335.448



0, 1.125, 329.098

Previews

White Background



This preview shows how the CIELCh color 51, 12.005, 329.903 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, 12.005, 329.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

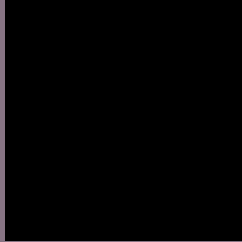
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 12.005, 329.903

Background



This preview shows how black text looks on a background with the CIELCh color 51, 12.005, 329.903.



This preview shows how white text looks on a background with the CIELCh color 51, 12.005, 329.903.

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, 12.005, 329.903

Protanopia

51, 8.164, 288.542

Deuteranopia

51, 8.773, 320.593



Tritanopia
51, 8.628, 343.073

Trichromacy



Original Color
51, 12.005, 329.903

Protanomaly
51, 9.093, 306.045

Deuteranomaly
51, 9.900, 324.986

Tritanomaly
51, 9.360, 337.370

Monochromacy



Original Color
51, 12.005, 329.903

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 4.497, 328.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 12.005, 329.903 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(135, 116, 132)` looks like.

```
.text, #text, p{  
    color:rgb(135, 116, 132)  
}
```

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(135, 116, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 116, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 12.005, 329.903 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(135, 116, 132) }
```

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

```
.border{ border-color:rgb(135, 116, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 116, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 116, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 116, 132);  
box-shadow:4px 4px 4px 4px rgb(135, 116,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 12.005, 329.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 116, 132) }
```

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

```
.background{ background-color: rgb(135,  
116, 132) }
```

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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