

Converting Colors

CIELCh(51, 6.672, 328.223)

Have a look what the booklet for
CIELCh(51, 6.672, 328.223) contains.

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Color

CIELCh(51, 6.610, 327.670)

Conversions

Conversions Part 1

Format	Color
Hex	817780
RGB	129, 119, 128
RGB Percent	51%, 47%, 50%
CMY	0.4959, 0.5350, 0.4998
CMYK	0.00, 0.08, 0.01, 0.50
HSL	306°, 4%, 48%
HSV	306°, 8%, 50%
XYZ	19.3975, 19.2686, 22.9659
YIQ	123.0160, 3.0710, 4.9190

Conversions

Conversions Part 2

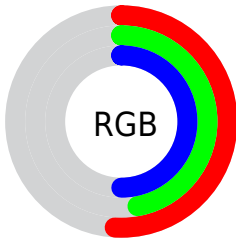
Format	Color
R_{YB}	129, 119, 128
Decimal	8484736
CIE _{Lab}	51.00, 5.59, -3.53
CIE _{LCh}	51, 6.610, 327.670
Yxy	19.2686, 0.3147, 0.3126
Android (android.graphics.Color)	4286674816 (0xFF817780)
YUV	123.0160, 2.4571, 5.2480
Hunter-Lab	43.8960, 2.0606, -0.2926

Details

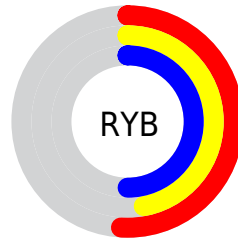
The CIELCh color $51, 6.610, 327.670$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 6.593, 146.853$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 6.864, 327.302$, and $31, 6.431, 328.181$ is the 20% darker color. If you saturate the color by 10%, you get $47, 15.185, 328.249$, and if you desaturate by 10%, it is $55, 1.871, 147.261$.

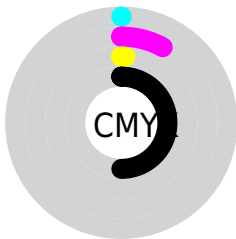
Distribution



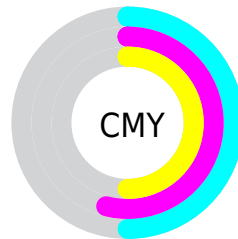
- Red (51%)
- Green (47%)
- Blue (50%)



- Red (51%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (50%)



- Cyan (50%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 6.610, 327.670 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, 6.610, 327.670 by changing the saturation by 10% instead.

■ 51, 6.610, 327.670

■ 51, 6.610, 327.670

■ 100, 6.610,
327.670

■ 41, 6.610, 327.670

■ 71, 6.610, 327.670

■ 31, 6.610, 327.670

■ 81, 6.610, 327.670

■ 21, 6.610, 327.670

■ 91, 6.610, 327.670

■ 11, 6.610, 327.670

■ 1, 6.610, 327.670

■ 0, 6.610, 327.670

■ 51, 6.610, 327.670

■ 51, 6.610, 327.670

■ 47, 15.185,
328.249

■ 55, 1.871, 147.261

■ 58, 10.182,

44, 23.747,
328.820

146.640

41, 32.132,
329.387

62, 18.284,
146.118

38, 40.116,
329.942

66, 26.156,
145.625

35, 47.415,
330.480

70, 33.792,
145.158

33, 53.702,
330.995

73, 41.192,
144.716

31, 58.655,
331.485

77, 48.366,
144.299

30, 62.033,
331.954

81, 55.324,
143.907

29, 64.026,
332.413

85, 62.078,
143.539

Harmonies

Complementary

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



51, 6.610, 327.670



53, 6.593, 146.853

Rectangle

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



51, 6.610, 327.670



51, 6.610, 17.670



51, 6.610, 147.670



51, 6.610, 197.670

Sweetspot

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



51, 6.608, 327.671



68, 2.115, 327.268



50, 5.861, 294.110



35, 1.197, 327.251



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



51, 6.608, 327.671



65, 9.546, 327.756



51, 4.718, 348.997



25, 4.764, 327.749



29, 64.069, 332.509



0, 0.000, 0.000

Inverse Universe

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



51, 6.608, 327.671



65, 9.546, 327.756



53, 4.649, 167.812



25, 4.764, 327.749



29, 64.069, 332.509



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 6.610, 327.670 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 51, 6.610, 327.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

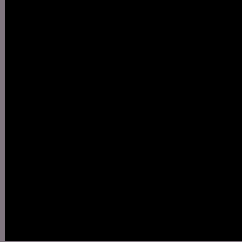
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 6.610, 327.670

Background



This preview shows how black text looks on a background with the CIELCh color 51, 6.610, 327.670.



This preview shows how white text looks on a background with the CIELCh color 51, 6.610, 327.670.

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, 6.610, 327.670

Protanopia

51, 4.688, 295.563

Deuteranopia

51, 7.566, 329.899



Tritanopia
51, 6.610, 327.670

Trichromacy



Original Color

51, 6.610, 327.670

Protanomaly

51, 4.949, 309.315

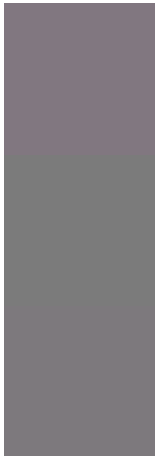
Deuteranomaly

51, 7.321, 327.440

Tritanomaly

51, 6.610, 327.670

Monochromacy



Original Color

51, 6.610, 327.670

Achromatopsia

52, 0.007, 296.813

Achromatomaly

51, 2.842, 324.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 6.610, 327.670 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(129, 119, 128)` looks like.

```
.text, #text, p{  
    color:rgb(129, 119, 128)  
}
```

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(129, 119, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 119, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 6.610, 327.670 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(129, 119, 128) }
```

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

```
.border{ border-color:rgb(129, 119, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 119, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 119, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 119, 128);  
box-shadow:4px 4px 4px 4px rgb(129, 119,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 6.610, 327.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 119, 128) }
```

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

```
.background{ background-color: rgb(129,  
119, 128) }
```

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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