

Converting Colors

CIELCh(51, 6.559, 336.981)

Have a look what the booklet for
CIELCh(51, 6.559, 336.981) contains.

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Color

CIELCh(51, 6.718, 336.253)

Conversions

Conversions Part 1

Format	Color
Hex	82767E
RGB	130, 118, 126
RGB Percent	51%, 46%, 49%
CMY	0.4895, 0.5366, 0.5052
CMYK	0.00, 0.09, 0.03, 0.49
HSL	320°, 5%, 49%
HSV	320°, 9%, 51%
XYZ	19.5092, 19.2686, 22.4891
YIQ	122.5000, 4.5840, 5.0320

Conversions

Conversions Part 2

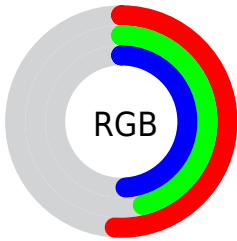
Format	Color
R_{YB}	130, 118, 126
Decimal	8550014
CIE _{Lab}	51.00, 6.15, -2.71
CIE _{LCh}	51, 6.718, 336.253
Yxy	19.2686, 0.3184, 0.3145
Android (android.graphics.Color)	4286740094 (0xFF82767E)
YUV	122.5000, 1.7255, 6.5775
Hunter-Lab	43.8960, 2.5147, 0.3514

Details

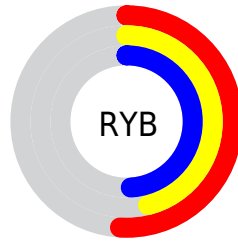
The CIELCh color $51, 6.718, 336.253$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 6.677, 155.067$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 6.952, 335.033$, and $31, 6.569, 337.857$ is the 20% darker color. If you saturate the color by 10%, you get $47, 14.096, 336.995$, and if you desaturate by 10%, it is $55, 0.558, 156.076$.

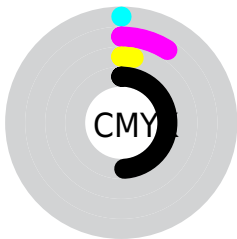
Distribution



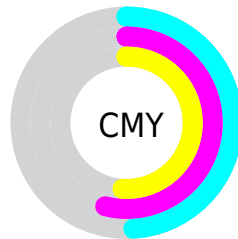
- Red (51%)
- Green (46%)
- Blue (49%)



- Red (51%)
- Yellow (46%)
- Blue (49%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (49%)



- Cyan (49%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 6.718, 336.253 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, 6.718, 336.253 by changing the saturation by 10% instead.

■ 51, 6.718, 336.253

■ 51, 6.718, 336.253

■ 100, 6.718,
336.253

■ 41, 6.718, 336.253

■ 71, 6.718, 336.253

■ 31, 6.718, 336.253

■ 81, 6.718, 336.253

■ 21, 6.718, 336.253

■ 91, 6.718, 336.253

■ 11, 6.718, 336.253

■ 1, 6.718, 336.253

■ 0, 6.718, 336.253

■ 51, 6.718, 336.253

■ 51, 6.718, 336.253

■ 47, 14.096,
336.995

■ 55, 0.558, 156.076

■ 59, 7.669, 155.020

44, 21.486,
337.773

62, 14.585,
154.410

41, 28.738,
338.610

66, 21.294,
153.845

37, 35.642,
339.524

70, 27.795,
153.315

35, 41.921,
340.541

74, 34.092,
152.818

32, 47.247,
341.698

78, 40.196,
152.351

30, 51.288,
343.051

82, 46.118,
151.911

29, 53.795,
344.671

86, 51.870,
151.498

28, 55.126,
346.535

Harmonies

Complementary

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



51, 6.718, 336.253



53, 6.677, 155.067

Rectangle

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



51, 6.718, 336.253



51, 6.718, 26.253



51, 6.718, 156.253



51, 6.718, 206.253

Sweetspot

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



51, 6.716, 336.256



68, 2.685, 335.760



50, 7.214, 303.538



35, 2.026, 335.831



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, 6.716, 336.256



64, 9.903, 336.405



51, 5.026, 6.558



26, 4.171, 336.250



28, 55.194, 346.677



0, 0.991, 335.666

Inverse Universe

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



51, 6.716, 336.256



64, 9.903, 336.405



53, 4.836, 185.141



26, 4.171, 336.250



28, 55.194, 346.677



0, 0.991, 335.666

Previews

White Background



This preview shows how the CIELCh color 51, 6.718, 336.253 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, 6.718, 336.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

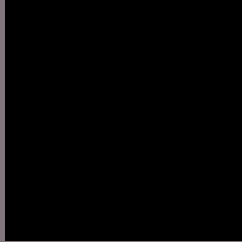
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 6.718, 336.253

Background



This preview shows how black text looks on a background with the CIELCh color 51, 6.718, 336.253.



This preview shows how white text looks on a background with the CIELCh color 51, 6.718, 336.253.

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, 6.718, 336.253

Protanopia

51, 4.108, 296.185

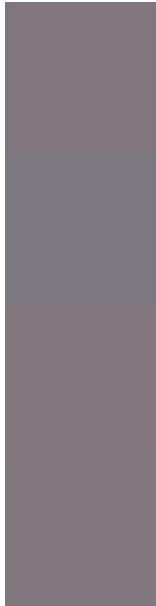
Deuteranopia

51, 7.012, 338.595



Tritanopia
51, 7.131, 332.883

Trichromacy



Original Color

51, 6.718, 336.253

Protanomaly

51, 4.561, 316.375

Deuteranomaly

51, 7.012, 338.595

Tritanomaly

51, 7.131, 332.883

Monochromacy



Original Color

51, 6.718, 336.253

Achromatopsia

52, 0.007, 296.813

Achromatomaly

51, 2.673, 338.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 6.718, 336.253 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(130, 118, 126)` looks like.

```
.text, #text, p{  
    color:rgb(130, 118, 126)  
}
```

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(130, 118, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 118, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 6.718, 336.253 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(130, 118, 126) }
```

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

```
.border{ border-color:rgb(130, 118, 126) }
```

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

Here you see how a box with a 4 pixel rgb(130, 118, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 118, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 118, 126);  
box-shadow:4px 4px 4px 4px rgb(130, 118,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 6.718, 336.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 118, 126) }
```

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

```
.background{ background-color: rgb(130,  
118, 126) }
```

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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