

Converting Colors

CIELCh(47, 5.777, 237.111)

Have a look what the booklet for
CIELCh(47, 5.777, 237.111) contains.

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Color

CIELCh(47, 5.777, 237.111)

Conversions

Conversions Part 1

Format	Color
Hex	657177
RGB	101, 113, 119
RGB Percent	40%, 44%, 47%
CMY	0.6025, 0.5554, 0.5319
CMYK	0.15, 0.05, 0.00, 0.53
HSL	200°, 8%, 43%
HSV	200°, 15%, 47%
XYZ	14.7044, 16.0195, 19.8854
YIQ	110.0960, -9.0780, -0.6780

Conversions

Conversions Part 2

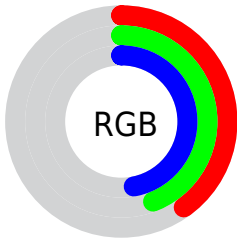
Format	Color
R _Y B	101, 108, 119
Decimal	6648183
CIE Lab	47.00, -3.14, -4.85
CIE LCh	47, 5.777, 237.111
Yxy	16.0195, 0.2905, 0.3165
Android (android.graphics.Color)	4284838263 (0xFF657177)
YUV	110.0960, 4.3897, -7.9772
Hunter-Lab	40.0243, -4.4640, -1.4402




Details

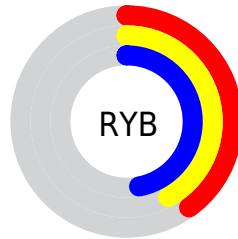
The CIELCh color **47, 5.777, 237.111** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **46, 6.221, 54.517**, and the grayscale version is **47, 0.006, 296.813**.




A 20% lighter version of the original color is **67, 5.740, 234.505**, and **27, 5.909, 240.508** is the 20% darker color. If you saturate the color by 10%, you get **45, 9.407, 238.245**, and if you desaturate by 10%, it is **49, 1.984, 236.264**.

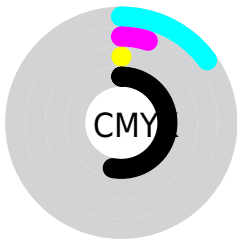
Distribution







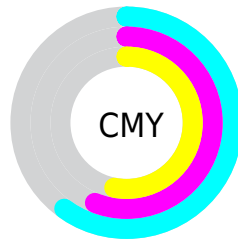
-  Red (40%)
-  Green (44%)
-  Blue (47%)






-  Red (40%)
-  Yellow (42%)
-  Blue (47%)



-  Cyan (15%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (60%)
-  Magenta (56%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 5.777, 237.111 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 47, 5.777, 237.111 by changing the saturation by 10% instead.

■ 47, 5.777, 237.111

■ 47, 5.777, 237.111

■ 100, 5.777,
237.111

■ 37, 5.777, 237.111

■ 67, 5.777, 237.111

■ 27, 5.777, 237.111

■ 77, 5.777, 237.111

■ 17, 5.777, 237.111

■ 87, 5.777, 237.111

■ 7, 5.777, 237.111

■ 97, 5.777, 237.111

■ 0, 5.777, 237.111

■ 47, 5.777, 237.111

■ 47, 5.777, 237.111

■ 45, 9.407, 238.245

■ 49, 1.984, 236.264

■ 43, 12.836,
239.680

■ 51, 1.938, 55.156

41, 16.029,
241.461

53, 5.958, 54.648

39, 18.953,
243.658

56, 10.050, 54.160

58, 14.194, 53.750

37, 21.586,
246.348

60, 18.371, 53.409

36, 23.932,
249.600

62, 22.566, 53.125

65, 26.768, 52.887

34, 26.020,
253.457

67, 30.967, 52.687

33, 27.941,
257.838

32, 28.919,
259.907

Harmonies

Complementary

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



47, 5.777, 237.111



46, 6.221, 54.517

Rectangle

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



47, 5.777, 237.111



47, 5.777, 287.111



47, 5.777, 57.111



47, 5.777, 107.111

Sweetspot

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



47, 5.777, 237.099



63, 2.422, 236.266



48, 10.329, 153.930



33, 1.663, 236.298



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



47, 5.777, 237.099



59, 8.504, 237.455



44, 8.864, 283.163



24, 2.148, 236.540



33, 29.486, 260.055



65, 51.601, 263.115

Inverse Universe

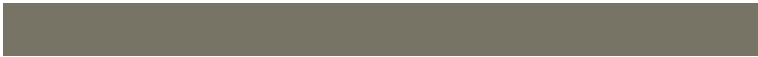
The Inverse Universe completely reimagines the original color for something new.



45, 10.282, 336.671



57, 15.267, 336.919



49, 8.708, 99.756



23, 3.764, 336.229



26, 52.904, 346.516



55, 88.759, 347.900

Previews

White Background



This preview shows how the CIELCh color 47, 5.777, 237.111 looks on a white 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

Black Background



This preview shows how the CIE LCh color 47, 5.777, 237.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

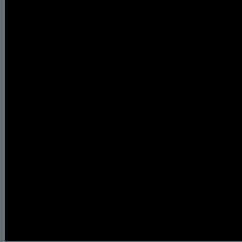
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

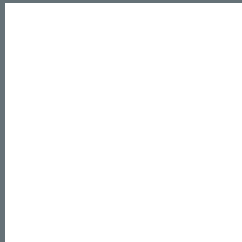
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 5.777, 237.111

Background



This preview shows how black text looks on a background with the CIELCh color 47, 5.777, 237.111.



This preview shows how white text looks on a background with the CIELCh color 47, 5.777, 237.111.

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

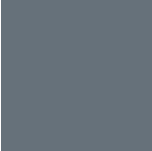
47, 5.777, 237.111

Protanopia

47, 4.147, 290.752

Deuteranopia

47, 8.196, 320.213



Tritanopia
47, 6.708, 251.897

Trichromacy



Original Color
47, 5.777, 237.111

Protanomaly
47, 4.027, 261.408

Deuteranomaly
47, 5.994, 298.553

Tritanomaly
47, 6.272, 248.314

Monochromacy



Original Color
47, 5.777, 237.111

Achromatopsia
46, 0.006, 296.813

Achromatomaly
47, 1.979, 236.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 5.777, 237.111 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(101, 113, 119)` looks like.

```
.text, #text, p{  
    color:rgb(101, 113, 119)  
}
```

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(101, 113, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 113, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 5.777, 237.111 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(101, 113, 119) }
```

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

```
.border{ border-color:rgb(101, 113, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 113, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 113, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 113, 119);  
box-shadow:4px 4px 4px 4px rgb(101, 113,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 5.777, 237.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 113, 119) }
```

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

```
.background{ background-color: rgb(101,  
113, 119) }
```

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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