

Converting Colors

CIELCh(47, 1.673, 244.506)

Have a look what the booklet for
CIELCh(47, 1.673, 244.506) contains.

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Color

CIELCh(47, 1.676, 244.509)

Conversions

Conversions Part 1

Format	Color
Hex	6D7072
RGB	109, 112, 114
RGB Percent	43%, 44%, 45%
CMY	0.5730, 0.5612, 0.5534
CMYK	0.04, 0.02, 0.00, 0.55
HSL	204°, 2%, 44%
HSV	204°, 4%, 45%
XYZ	15.1050, 16.0195, 18.1815
YIQ	111.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

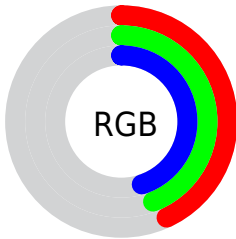
Format	Color
RYB	109, 111, 114
Decimal	7172210
CIELab	47.00, -0.72, -1.51
CIELCh	47, 1.676, 244.509
Yxy	16.0195, 0.3064, 0.3249
Android (android.graphics.Color)	4285362290 (0xFF6D7072)
YUV	111.3310, 1.3158, -2.0443
Hunter-Lab	40.0243, -2.6774, 1.0839

Details

The CIELCh color $47, 1.676, 244.509$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 1.697, 63.255$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 1.851, 236.219$, and $27, 1.560, 256.194$ is the 20% darker color. If you saturate the color by 10%, you get $45, 5.418, 245.486$, and if you desaturate by 10%, it is $49, 2.154, 63.194$.

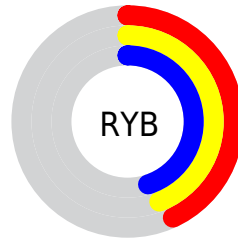
Distribution



Red (43%)

Green (44%)

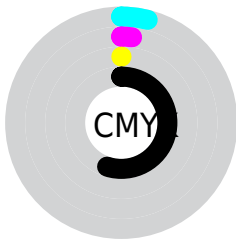
Blue (45%)



Red (43%)

Yellow (44%)

Blue (45%)

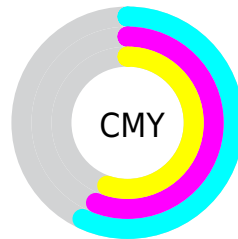


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (55%)



Cyan (57%)

Magenta (56%)



Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 1.676, 244.509 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, 1.676, 244.509 by changing the saturation by 10% instead.

 47, 1.676, 244.509	 47, 1.676, 244.509
 100, 1.676, 244.509	 37, 1.676, 244.509
 67, 1.676, 244.509	 27, 1.676, 244.509
 77, 1.676, 244.509	 17, 1.676, 244.509
 87, 1.676, 244.509	 7, 1.676, 244.509
 97, 1.676, 244.509	 0, 1.676, 244.509

 47, 1.676, 244.509	 47, 1.676, 244.509
 45, 5.418, 245.486	 49, 2.154, 63.194
 43, 9.049, 246.840	 52, 6.047, 62.480

■ 40, 12.541,
248.493

■ 54, 9.986, 61.820

■ 38, 15.869,
250.494

■ 56, 13.954, 61.250

■ 59, 17.936, 60.759

■ 36, 19.013,
252.910

■ 61, 21.923, 60.333

■ 34, 21.965,
255.803

■ 63, 25.904, 59.962

■ 66, 29.874, 59.636

■ 32, 24.734,
259.223

■ 68, 33.826, 59.348

■ 30, 27.358,
263.184

■ 29, 29.914,
267.580

Harmonies

Complementary

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



47, 1.676, 244.509



47, 1.697, 63.255

Rectangle

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



47, 1.676, 244.509



47, 1.676, 294.509



47, 1.676, 64.509



47, 1.676, 114.509

Sweetspot

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



47, 1.676, 244.462



61, 0.478, 244.689



47, 2.738, 157.646



31, 0.270, 244.745



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



47, 1.676, 244.462



60, 2.362, 244.515



46, 2.632, 285.459



23, 1.270, 244.535



29, 32.708, 270.209



60, 58.383, 273.287

Inverse Universe

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



47, 2.723, 338.833



59, 3.844, 338.899



48, 2.603, 104.518



22, 2.069, 338.922



25, 50.352, 351.609



54, 85.143, 353.492

Previews

White Background



This preview shows how the CIELCh color 47, 1.676, 244.509 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, 1.676, 244.509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

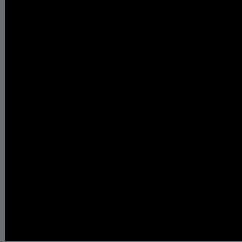
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

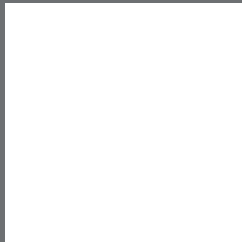
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 1.676, 244.509

Background



This preview shows how black text looks on a background with the CIELCh color 47, 1.676, 244.509.



This preview shows how white text looks on a background with the CIELCh color 47, 1.676, 244.509.

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, 1.676, 244.509

Protanopia

47, 1.448, 324.417

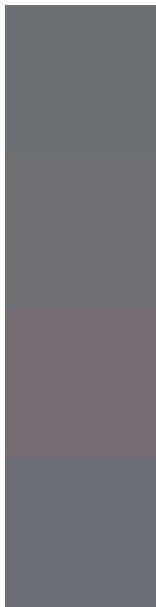
Deuteranopia

47, 6.747, 342.425



Tritanopia
47, 5.338, 286.687

Trichromacy



Original Color
47, 1.676, 244.509

Protanomaly
47, 1.261, 309.079

Deuteranomaly
47, 4.836, 332.715

Tritanomaly
47, 4.160, 285.291

Monochromacy



Original Color
47, 1.676, 244.509

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 0.716, 255.959

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 1.676, 244.509 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(109, 112, 114)` looks like.

```
.text, #text, p{  
    color:rgb(109, 112, 114)  
}
```

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(109, 112, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 112, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 1.676, 244.509 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(109, 112, 114) }
```

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

```
.border{ border-color:rgb(109, 112, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 112, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 112, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 112, 114);  
box-shadow:4px 4px 4px 4px rgb(109, 112,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 1.676, 244.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 112, 114) }
```

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

```
.background{ background-color: rgb(109,  
112, 114) }
```

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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