

Converting Colors

CIELCh(46, 7.857, 243.360)

Have a look what the booklet for
CIELCh(46, 7.857, 243.360) contains.

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Color

CIELCh(46, 7.710, 243.082)

Conversions

Conversions Part 1

Format	Color
Hex	606F78
RGB	96, 111, 120
RGB Percent	38%, 44%, 47%
CMY	0.6228, 0.5639, 0.5286
CMYK	0.20, 0.07, 0.00, 0.53
HSL	202°, 11%, 42%
HSV	202°, 20%, 47%
XYZ	13.9512, 15.2687, 20.0432
YIQ	107.5410, -11.8290, -0.3810

Conversions

Conversions Part 2

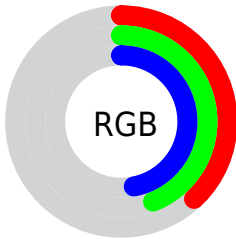
Format	Color
R _Y B	96, 105, 120
Decimal	6319992
CIE Lab	46.00, -3.49, -6.87
CIE LCh	46, 7.710, 243.082
Yxy	15.2687, 0.2832, 0.3099
Android (android.graphics.Color)	4284510072 (0xFF606F78)
YUV	107.5410, 6.1423, -10.1215
Hunter-Lab	39.0751, -4.6509, -3.0596

Details

The CIELCh color $46, 7.710, 243.082$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 8.430, 59.039$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 7.548, 240.547$, and $26, 7.996, 246.653$ is the 20% darker color. If you saturate the color by 10%, you get $44, 11.355, 244.523$, and if you desaturate by 10%, it is $48, 3.912, 241.912$.

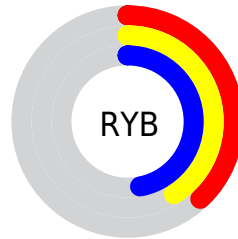
Distribution



Red (38%)

Green (44%)

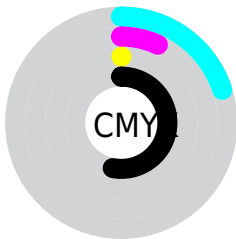
Blue (47%)



Red (38%)

Yellow (41%)

Blue (47%)

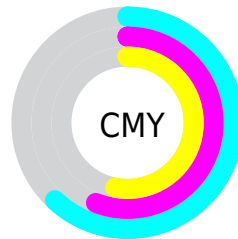


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (53%)



Cyan (62%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 7.710, 243.082 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 46, 7.710, 243.082 by changing the saturation by 10% instead.

■ 46, 7.710, 243.082

■ 46, 7.710, 243.082

■ 100, 7.710,
243.082

■ 36, 7.710, 243.082

■ 66, 7.710, 243.082

■ 26, 7.710, 243.082

■ 76, 7.710, 243.082

■ 16, 7.710, 243.082

■ 86, 7.710, 243.082

■ 6, 7.710, 243.082

■ 96, 7.710, 243.082

■ 0, 7.710, 243.082

■ 46, 7.710, 243.082

■ 46, 7.710, 243.082

■ 44, 11.355,
244.523

■ 48, 3.912, 241.912

■ 42, 14.817,

■ 51, 0.009, 23.730

246.299

53, 4.020, 59.937

40, 18.067,
248.464

55, 8.101, 59.291

38, 21.085,
251.090

57, 12.230, 58.729

36, 23.869,
254.240

60, 16.390, 58.249

34, 26.441,
257.959

62, 20.566, 57.839

32, 28.857,
262.238

65, 24.747, 57.487

30, 31.287,
266.630

30, 31.294,
266.641

Harmonies

Complementary

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



46, 7.710, 243.082



46, 8.430, 59.039

Rectangle

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



46, 7.710, 243.082



46, 7.710, 293.082



46, 7.710, 63.082



46, 7.710, 113.082

Sweetspot

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



46, 7.710, 243.074



62, 2.924, 241.559



48, 13.254, 155.622



32, 1.953, 241.600



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



46, 7.710, 243.074



58, 11.348, 243.705



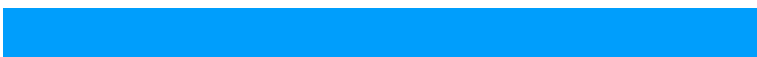
43, 12.582, 286.478



25, 2.246, 241.824



32, 32.267, 266.866



63, 56.426, 269.812

Inverse Universe

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



44, 13.336, 338.922



54, 19.832, 339.294



49, 12.209, 102.059



24, 3.787, 338.080



26, 52.462, 349.764



55, 87.447, 351.380

Previews

White Background



This preview shows how the CIELCh color 46, 7.710, 243.082 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 46, 7.710, 243.082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

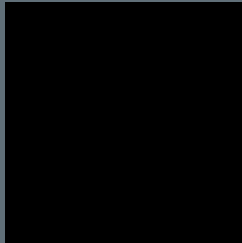
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

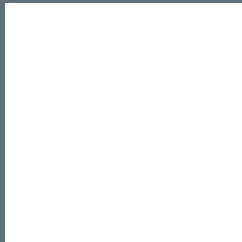
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 7.710, 243.082

Background



This preview shows how black text looks on a background with the CIELCh color 46, 7.710, 243.082.



This preview shows how white text looks on a background with the CIELCh color 46, 7.710, 243.082.

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

46, 7.710, 243.082

Protanopia

46, 5.950, 291.006

Deuteranopia

46, 9.387, 308.443



Tritanopia
46, 7.710, 243.082

Trichromacy



Original Color
46, 7.710, 243.082

Protanomaly
46, 6.216, 272.752

Deuteranomaly
46, 7.736, 288.369

Tritanomaly
46, 7.710, 243.082

Monochromacy



Original Color
46, 7.710, 243.082

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 2.656, 241.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 7.710, 243.082 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(96, 111, 120)` looks like.

```
.text, #text, p{  
    color:rgb(96, 111, 120)  
}
```

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(96, 111, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 111, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 7.710, 243.082 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(96, 111, 120) }
```

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

```
.border{ border-color:rgb(96, 111, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 111, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 111, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 111, 120);  
box-shadow:4px 4px 4px 4px rgb(96, 111,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 7.710, 243.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 111, 120) }
```

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

```
.background{ background-color: rgb(96, 111,  
120) }
```

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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