

Converting Colors

CIELCh(46, 8.593, 261.189)

Have a look what the booklet for
CIELCh(46, 8.593, 261.189) contains.

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Color

CIELCh(46, 8.675, 262.503)

Conversions

Conversions Part 1

Format	Color
Hex	636E7B
RGB	99, 110, 123
RGB Percent	39%, 43%, 48%
CMY	0.6113, 0.5682, 0.5172
CMYK	0.19, 0.11, 0.00, 0.52
HSL	212°, 11%, 44%
HSV	212°, 19%, 48%
XYZ	14.3288, 15.2687, 20.9694
YIQ	108.1930, -10.7290, 1.7110

Conversions

Conversions Part 2

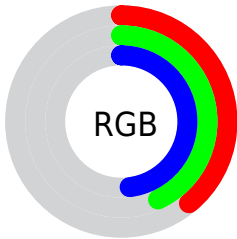
Format	Color
R_{YB}	99, 107, 123
Decimal	6516347
CIE Lab	46.00, -1.13, -8.60
CIE LCh	46, 8.675, 262.503
Yxy	15.2687, 0.2834, 0.3019
Android (android.graphics.Color)	4284706427 (0xFF636E7B)
YUV	108.1930, 7.2999, -8.0623
Hunter-Lab	39.0751, -2.9258, -4.4650

Details

The CIELCh color **46, 8.675, 262.503** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 8.994, 77.400**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 8.312, 259.524**, and **26, 8.313, 259.480** is the 20% darker color. If you saturate the color by 10%, you get **43, 13.096, 264.220**, and if you desaturate by 10%, it is **49, 4.233, 261.048**.

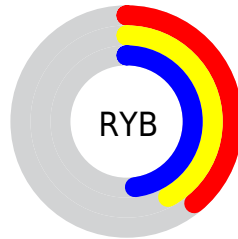
Distribution



Red (39%)

Green (43%)

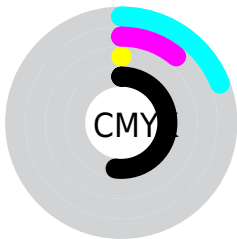
Blue (48%)



Red (39%)

Yellow (42%)

Blue (48%)

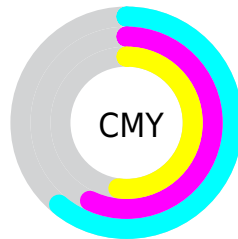


Cyan (19%)

Magenta (11%)

Yellow (0%)

Black (52%)



Cyan (61%)

Magenta (57%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 8.675, 262.503 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, 8.675, 262.503 by changing the saturation by 10% instead.

■ 46, 8.675, 262.503

■ 46, 8.675, 262.503

■ 100, 8.675,
262.503

■ 36, 8.675, 262.503

■ 66, 8.675, 262.503

■ 26, 8.675, 262.503

■ 76, 8.675, 262.503

■ 16, 8.675, 262.503

■ 86, 8.675, 262.503

■ 6, 8.675, 262.503

■ 96, 8.675, 262.503

■ 0, 8.675, 262.503

■ 46, 8.675, 262.503

■ 46, 8.675, 262.503

■ 43, 13.096,
264.220

■ 49, 4.233, 261.048

■ 40, 17.488,

■ 52, 0.219, 78.654

266.249

55, 4.668, 78.587

37, 21.847,
268.632

58, 9.106, 77.667

35, 26.180,
271.412

61, 13.522, 76.851

32, 30.506,
274.613

63, 17.910, 76.130

30, 34.861,
278.224

69, 26.575, 74.923

27, 39.293,
282.175

72, 30.845, 74.413

25, 43.873,
286.081

25, 44.109,
286.261

Harmonies

Complementary

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



46, 8.675, 262.503



48, 8.994, 77.400

Rectangle

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



46, 8.675, 262.503



46, 8.675, 312.503



46, 8.675, 82.503



46, 8.675, 132.503

Sweetspot

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



46, 8.674, 262.497



64, 3.327, 260.633



50, 11.635, 163.840



33, 2.224, 260.692



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



46, 8.674, 262.497



58, 12.712, 263.163



43, 14.484, 293.449



24, 2.498, 260.992



25, 44.649, 286.332



51, 79.369, 288.767

Inverse Universe

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



45, 11.897, 347.636



56, 17.515, 348.044



51, 13.876, 109.786



24, 3.378, 346.652



26, 49.819, 4.289



54, 83.784, 7.010

Previews

White Background



This preview shows how the CIELCh color 46, 8.675, 262.503 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, 8.675, 262.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

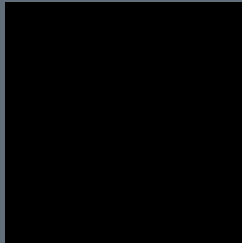
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

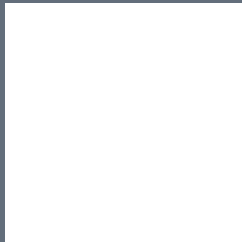
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 8.675, 262.503

Background



This preview shows how black text looks on a background with the CIELCh color 46, 8.675, 262.503.



This preview shows how white text looks on a background with the CIELCh color 46, 8.675, 262.503.

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, 8.675, 262.503

Protanopia

46, 8.330, 288.664

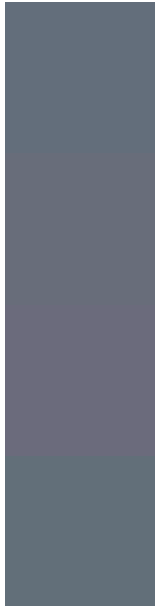
Deuteranopia

46, 11.009, 303.848



Tritanopia
46, 7.200, 247.187

Trichromacy



Original Color
46, 8.675, 262.503

Protanomaly
46, 7.920, 277.182

Deuteranomaly
46, 10.125, 291.577

Tritanomaly
46, 7.626, 250.444

Monochromacy



Original Color
46, 8.675, 262.503

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 2.842, 256.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 8.675, 262.503 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(99, 110, 123)` looks like.

```
.text, #text, p{  
    color:rgb(99, 110, 123)  
}
```

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(99, 110, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 110, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 8.675, 262.503 is called "border". The border property can be set on classes, ids or directly on the HTML element.

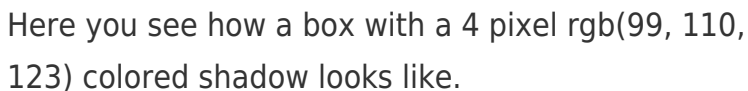
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 110, 123) }
```

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

```
.border{ border-color:rgb(99, 110, 123) }
```

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



Here you see how a box with a 4 pixel `rgb(99, 110, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 110, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 110, 123);  
box-shadow:4px 4px 4px 4px rgb(99, 110,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 8.675, 262.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 110, 123) }
```

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

```
.background{ background-color: rgb(99, 110,  
123) }
```

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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