

Converting Colors

CIELCh(46, 9.173, 235.027)

Have a look what the booklet for
CIELCh(46, 9.173, 235.027) contains.

CIELCh(46, 9.076, 235.034)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(46, 9.076, 235.034)

Conversions

Conversions Part 1

Format	Color
Hex	5C7079
RGB	92, 112, 121
RGB Percent	36%, 44%, 47%
CMY	0.6389, 0.5605, 0.5252
CMYK	0.24, 0.07, 0.00, 0.53
HSL	199°, 14%, 42%
HSV	199°, 24%, 47%
XYZ	13.6814, 15.2687, 20.3423
YIQ	107.0460, -14.8090, -1.4410

Conversions

Conversions Part 2

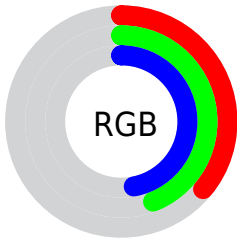
Format	Color
R_{YB}	92, 104, 121
Decimal	6058105
CIE _{Lab}	46.00, -5.20, -7.44
CIE _{LCh}	46, 9.076, 235.034
Yxy	15.2687, 0.2776, 0.3098
Android (android.graphics.Color)	4284248185 (0xFF5C7079)
YUV	107.0460, 6.8793, -13.1953
Hunter-Lab	39.0751, -5.8831, -3.5134

Details

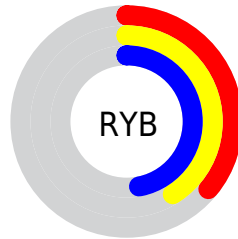
The CIELCh color **46, 9.076, 235.034** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 10.341, 51.296**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 8.918, 233.025**, and **26, 9.291, 238.168** is the 20% darker color. If you saturate the color by 10%, you get **44, 12.530, 236.320**, and if you desaturate by 10%, it is **48, 5.406, 234.011**.

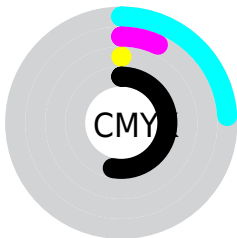
Distribution



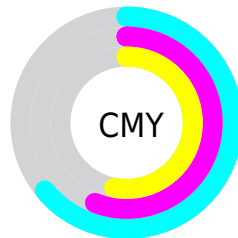
- Red (36%)
- Green (44%)
- Blue (47%)



- Red (36%)
- Yellow (41%)
- Blue (47%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (53%)



- Cyan (64%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 9.076, 235.034 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, 9.076, 235.034 by changing the saturation by 10% instead.

■ 46, 9.076, 235.034

■ 46, 9.076, 235.034

■ 100, 9.076,
235.034

■ 36, 9.076, 235.034

■ 66, 9.076, 235.034

■ 26, 9.076, 235.034

■ 76, 9.076, 235.034

■ 16, 9.076, 235.034

■ 86, 9.076, 235.034

■ 6, 9.076, 235.034

■ 96, 9.076, 235.034

■ 0, 9.076, 235.034

■ 46, 9.076, 235.034

■ 46, 9.076, 235.034

■ 44, 12.530,
236.320

■ 48, 5.406, 234.011

■ 42, 15.727,

■ 50, 1.562, 233.336

237.941

52, 2.420, 52.305

40, 18.630,
239.962

54, 6.508, 51.861

39, 21.211,
242.459

56, 10.674, 51.454

37, 23.465,
245.511

59, 14.895, 51.119

36, 25.414,
249.174

61, 19.152, 50.847

34, 27.131,
253.432

63, 23.430, 50.626

33, 28.189,
255.968

65, 27.716, 50.446

Harmonies

Complementary

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



46, 9.076, 235.034



44, 10.341, 51.296

Rectangle

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



46, 9.076, 235.034



46, 9.076, 285.034



46, 9.076, 55.034



46, 9.076, 105.034

Sweetspot

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



46, 9.076, 235.027



63, 3.420, 233.486



48, 16.821, 152.534



32, 2.208, 233.512



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, 9.076, 235.027



58, 13.470, 235.737



42, 14.145, 283.457



25, 2.223, 233.616



34, 28.877, 256.149



68, 49.912, 259.094

Inverse Universe

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



43, 16.852, 336.336



53, 25.395, 336.773



48, 13.789, 97.752



24, 3.966, 335.265



27, 54.414, 344.897



56, 90.682, 346.104

Previews

White Background



This preview shows how the CIELCh color 46, 9.076, 235.034 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 CIELCh color 46, 9.076, 235.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

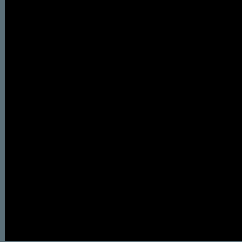
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

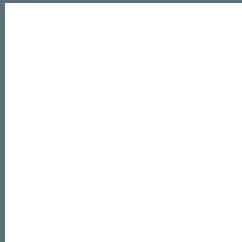
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 9.076, 235.034

Background



This preview shows how black text looks on a background with the CIELCh color 46, 9.076, 235.034.



This preview shows how white text looks on a background with the CIELCh color 46, 9.076, 235.034.

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, 9.076, 235.034

Protanopia

46, 6.545, 291.087

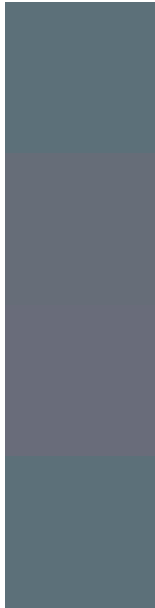
Deuteranopia

46, 9.956, 307.461



Tritanopia
46, 9.076, 235.034

Trichromacy



Original Color
46, 9.076, 235.034

Protanomaly
46, 7.018, 268.433

Deuteranomaly
46, 8.386, 283.404

Tritanomaly
46, 9.076, 235.034

Monochromacy



Original Color
46, 9.076, 235.034

Achromatopsia
45, 0.006, 296.813

Achromatomaly
46, 3.279, 232.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 9.076, 235.034 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(92, 112, 121)` looks like.

```
.text, #text, p{  
    color:rgb(92, 112, 121)  
}
```

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(92, 112, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 112, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 9.076, 235.034 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(92, 112, 121) }
```

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

```
.border{ border-color:rgb(92, 112, 121) }
```

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

Here you see how a box with a 4 pixel rgb(92, 112, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 112, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 112, 121);  
box-shadow:4px 4px 4px 4px rgb(92, 112,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 9.076, 235.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 112, 121) }
```

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

```
.background{ background-color: rgb(92, 112,  
121) }
```

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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