

Converting Colors

CIELCh(46, 7.142, 293.597)

Have a look what the booklet for
CIELCh(46, 7.142, 293.597) contains.

CIELCh(46, 7.155, 294.304)	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, 7.155, 294.304)

Conversions

Conversions Part 1

Format	Color
Hex	6D6C78
RGB	109, 108, 120
RGB Percent	43%, 42%, 47%
CMY	0.5734, 0.5773, 0.5303
CMYK	0.09, 0.10, 0.00, 0.53
HSL	245°, 5%, 45%
HSV	245°, 10%, 47%
XYZ	14.9975, 15.2687, 19.8568
YIQ	109.6670, -3.2560, 3.9440

Conversions

Conversions Part 2

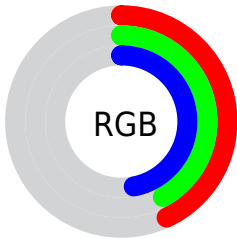
Format	Color
R_{YB}	109, 108, 120
Decimal	7171192
CIE _{Lab}	46.00, 2.94, -6.52
CIE _{LCh}	46, 7.155, 294.304
Yxy	15.2687, 0.2992, 0.3046
Android (android.graphics.Color)	4285361272 (0xFF6D6C78)
YUV	109.6670, 5.0942, -0.5850
Hunter-Lab	39.0751, 0.1288, -2.7768

Details

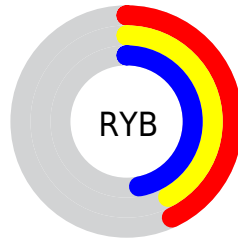
The CIELCh color $46, 7.155, 294.304$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 6.997, 112.651$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 7.262, 296.778$, and $26, 7.209, 291.636$ is the 20% darker color. If you saturate the color by 10%, you get $42, 14.572, 295.282$, and if you desaturate by 10%, it is $50, 0.016, 294.889$.

Distribution



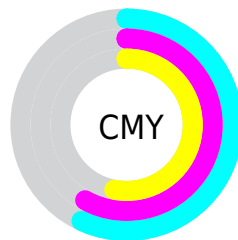
- Red (43%)
- Green (42%)
- Blue (47%)



- Red (43%)
- Yellow (42%)
- Blue (47%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (53%)



- Cyan (57%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 7.155, 294.304 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, 7.155, 294.304 by changing the saturation by 10% instead.

■ 46, 7.155, 294.304

■ 46, 7.155, 294.304

■ 100, 7.155,
294.304

■ 36, 7.155, 294.304

■ 66, 7.155, 294.304

■ 26, 7.155, 294.304

■ 76, 7.155, 294.304

■ 16, 7.155, 294.304

■ 86, 7.155, 294.304

■ 6, 7.155, 294.304

■ 96, 7.155, 294.304

■ 0, 7.155, 294.304

■ 46, 7.155, 294.304

■ 46, 7.155, 294.304

■ 42, 14.572,
295.282

■ 50, 0.016, 294.889

■ 37, 22.285,

■ 55, 6.861, 112.719

296.421

59, 13.495,
112.094

33, 30.303,
297.731

63, 19.902,
111.555

29, 38.607,
299.213

67, 26.096,
111.089

24, 47.119,
300.843

72, 32.093,
110.684

21, 55.624,
302.546

76, 37.903,
110.333

17, 63.654,
304.173

80, 43.540,
110.028

14, 70.383,
305.493

84, 49.014,
109.761

12, 76.029,
306.698

Harmonies

Complementary

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



46, 7.155, 294.304



50, 6.997, 112.651

Rectangle

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



46, 7.155, 294.304



46, 7.155, 344.304



46, 7.155, 114.304



46, 7.155, 164.304

Sweetspot

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



46, 7.154, 294.299



63, 2.626, 293.706



49, 4.406, 205.138



32, 2.007, 293.763



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, 7.154, 294.299



58, 10.663, 294.511



47, 7.652, 311.757



22, 3.945, 294.209



12, 77.229, 306.688



32, 131.360, 306.484

Inverse Universe

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



47, 8.139, 327.290



59, 12.096, 327.420



49, 7.561, 130.969



23, 4.494, 327.233



28, 63.031, 331.710



58, 106.491, 331.921

Previews

White Background



This preview shows how the CIELCh color 46, 7.155, 294.304 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, 7.155, 294.304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

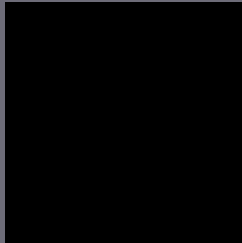
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

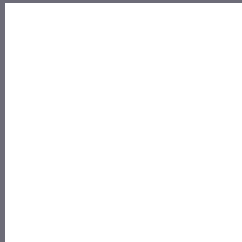
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 7.155, 294.304

Background



This preview shows how black text looks on a background with the CIELCh color 46, 7.155, 294.304.



This preview shows how white text looks on a background with the CIELCh color 46, 7.155, 294.304.

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, 7.155, 294.304

Protanopia

46, 7.139, 291.167

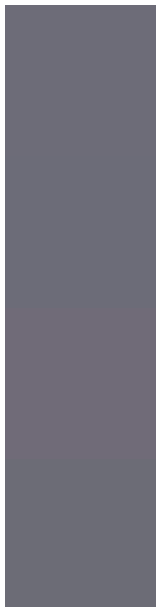
Deuteranopia

46, 8.956, 311.988



Tritanopia
46, 5.356, 290.926

Trichromacy



Original Color
46, 7.155, 294.304

Protanomaly
46, 7.139, 291.167

Deuteranomaly
46, 8.013, 305.471

Tritanomaly
46, 5.950, 291.006

Monochromacy



Original Color
46, 7.155, 294.304

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 2.380, 290.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 7.155, 294.304 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, 108, 120)` looks like.

```
.text, #text, p{  
    color:rgb(109, 108, 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(109, 108, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 108, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 7.155, 294.304 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, 108, 120) }
```

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

```
.border{ border-color:rgb(109, 108, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 108, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 108, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 108, 120);  
box-shadow:4px 4px 4px 4px rgb(109, 108,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 7.155, 294.304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 108, 120) }
```

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

```
.background{ background-color: rgb(109,  
108, 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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