

Converting Colors

CIELCh(46, 52.858, 114.548)

Have a look what the booklet for
CIELCh(46, 52.858, 114.548)
contains.

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Color

CIELCh(46, 52.739, 114.569)

Conversions

Conversions Part 1

Format	Color
Hex	5F750E
RGB	95, 117, 14
RGB Percent	37%, 46%, 5%
CMY	0.6263, 0.5401, 0.9435
CMYK	0.19, 0.00, 0.88, 0.54
HSL	73°, 78%, 26%
HSV	73°, 88%, 46%
XYZ	11.2251, 15.2687, 2.7857
YIQ	98.6800, 19.9510, -36.6970

Conversions

Conversions Part 2

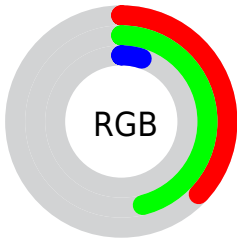
Format	Color
R_{YB}	14, 117, 36
Decimal	6255886
CIE _{Lab}	46.00, -21.93, 47.96
CIE _{LCh}	46, 52.739, 114.569
Yxy	15.2687, 0.3834, 0.5215
Android (android.graphics.Color)	4284445966 (0xFF5F750E)
YUV	98.6800, -41.7472, -3.2274
Hunter-Lab	39.0751, -17.1038, 23.1258

Details

The CIELCh color **46, 52.739, 114.569** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **15, 66.946, 306.816**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 52.895, 114.703**, and **26, 39.839, 120.577** is the 20% darker color. If you saturate the color by 10%, you get **46, 55.469, 114.933**, and if you desaturate by 10%, it is **46, 49.005, 114.464**.

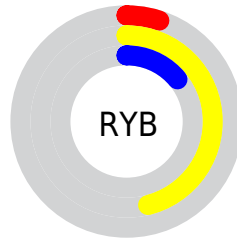
Distribution



Red (37%)

Green (46%)

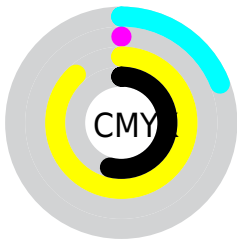
Blue (5%)



Red (5%)

Yellow (46%)

Blue (14%)

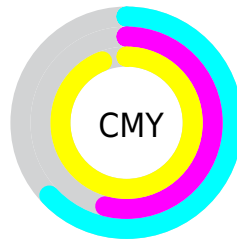


Cyan (19%)

Magenta (0%)

Yellow (88%)

Black (54%)



Cyan (63%)


Magenta (54%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 52.739, 114.569 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, 52.739, 114.569 by changing the saturation by 10% instead.


 46, 52.739,
114.569


 46, 52.739,
114.569


 100, 52.739,
114.569


 36, 52.739,
114.569

 66, 52.739,
114.569


 26, 52.739,
114.569

 76, 52.739,
114.569

 16, 52.739,
114.569

 86, 52.739,
114.569

 6, 52.739, 114.569

 96, 52.739,
114.569

 0, 52.739, 114.569

 46, 52.739,

 46, 52.739,

114.569

114.569

■ 46, 55.469,
114.933

■ 46, 49.005,
114.464

■ 46, 56.102,
115.004

■ 47, 44.181,
114.643

■ 47, 38.558,
115.025

■ 47, 32.392,
115.539

■ 48, 25.876,
116.130

■ 48, 19.142,
116.761

■ 48, 12.281,
117.405

■ 49, 5.353, 118.045

Harmonies

Complementary

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



46, 52.739, 114.569



15, 66.946, 306.816

Rectangle

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



46, 52.739, 114.569



46, 52.739, 164.569



46, 52.739, 294.569



46, 52.739, 344.569

Sweetspot

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



46, 52.739, 114.571



62, 22.343, 116.828



27, 47.618, 42.688



31, 15.035, 116.657



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



46, 52.739, 114.571



59, 68.098, 115.290



43, 60.340, 132.336



24, 3.909, 117.961



48, 57.858, 115.055



92, 98.369, 115.673

Inverse Universe

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



15, 66.946, 306.816



18, 89.719, 307.484



22, 62.984, 318.114



22, 3.983, 299.117



13, 76.137, 307.642



33, 129.815, 307.250

Previews

White Background



This preview shows how the CIELCh color 46, 52.739, 114.569 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, 52.739, 114.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

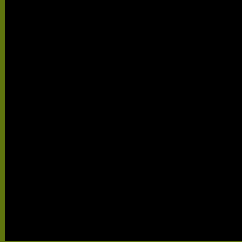
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 46, 52.739, 114.569

Background



This preview shows how black text looks on a background with the CIELCh color 46, 52.739, 114.569.



This preview shows how white text looks on a background with the CIELCh color 46, 52.739, 114.569.

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, 52.739, 114.569

Protanopia

46, 49.627, 95.217

Deuteranopia

46, 46.309, 82.491



Tritanopia
46, 5.544, 274.510

Trichromacy



Original Color
46, 52.739, 114.569

Protanomaly
46, 49.951, 102.670

Deuteranomaly
46, 46.691, 95.089

Tritanomaly
46, 19.399, 121.964

Monochromacy



Original Color
46, 52.739, 114.569

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 22.668, 116.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 52.739, 114.569 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(95, 117, 14)` looks like.

```
.text, #text, p{  
    color:rgb(95, 117, 14)  
}
```

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(95, 117, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 117, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 52.739, 114.569 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(95, 117, 14) }
```

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

```
.border{ border-color:rgb(95, 117, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 117, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 117, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 117, 14);  
box-shadow:4px 4px 4px 4px rgb(95, 117,  
14) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 52.739, 114.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 117, 14) }
```

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

```
.background{ background-color: rgb(95, 117,  
14) }
```

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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