

Converting Colors

CIELCh(46, 11.454, 132.752)

Have a look what the booklet for
CIELCh(46, 11.454, 132.752)
contains.

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Color

CIELCh(46, 11.097, 133.421)

Conversions

Conversions Part 1

Format	Color
Hex	65705F
RGB	101, 112, 95
RGB Percent	40%, 44%, 37%
CMY	0.6028, 0.5596, 0.6263
CMYK	0.10, 0.00, 0.15, 0.56
HSL	99°, 8%, 41%
HSV	99°, 15%, 44%
XYZ	13.3049, 15.2687, 13.1408
YIQ	106.7730, -1.0990, -7.6190

Conversions

Conversions Part 2

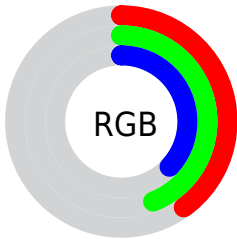
Format	Color
RYB	95, 112, 106
Decimal	6647903
CIELab	46.00, -7.63, 8.06
CIELCh	46, 11.097, 133.421
Yxy	15.2687, 0.3190, 0.3660
Android (android.graphics.Color)	4284837983 (0xFF65705F)
YUV	106.7730, -5.8041, -5.0629
Hunter-Lab	39.0751, -7.6031, 7.4136

Details

The CIELCh color $46, 11.097, 133.421$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42, 11.247, 314.628$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 11.514, 133.056$, and $26, 10.848, 133.755$ is the 20% darker color. If you saturate the color by 10%, you get $45, 18.446, 132.961$, and if you desaturate by 10%, it is $47, 3.756, 133.863$.

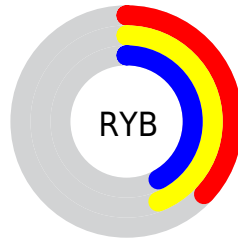
Distribution



Red (40%)

Green (44%)

Blue (37%)



Red (37%)

Yellow (44%)

Blue (42%)

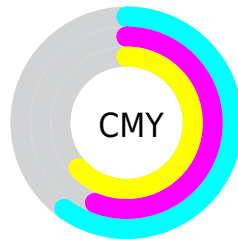


Cyan (10%)

Magenta (0%)

Yellow (15%)

Black (56%)



Cyan (60%)


Magenta (56%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 11.097, 133.421 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, 11.097, 133.421 by changing the saturation by 10% instead.


 46, 11.097,
133.421


 46, 11.097,
133.421


 100, 11.097,
133.421


 36, 11.097,
133.421

 66, 11.097,
133.421


 26, 11.097,
133.421

 76, 11.097,
133.421

 16, 11.097,
133.421


 86, 11.097,
133.421

 6, 11.097, 133.421

 96, 11.097,
133.421

 0, 11.097, 133.421

 46, 11.097,

 46, 11.097,

133.421

133.421

■ 45, 18.446,
132.961

■ 47, 3.756, 133.863

■ 44, 25.731,
132.475

■ 48, 3.534, 314.183

■ 44, 32.861,
131.982

■ 49, 10.735,
314.543

■ 43, 39.707,
131.516

■ 50, 17.823,
314.848

■ 43, 46.093,
131.133

■ 51, 24.781,
315.114

■ 42, 51.784,
130.917

■ 52, 31.600,
315.346

■ 42, 56.498,
130.974

■ 53, 38.272,
315.548

■ 42, 60.095,
131.340

■ 55, 44.796,
315.724

■ 41, 61.757,
131.435

■ 56, 51.171,
315.876

Harmonies

Complementary

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



46, 11.097, 133.421



42, 11.247, 314.628

Rectangle

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



46, 11.097, 133.421



46, 11.097, 183.421



46, 11.097, 313.421



46, 11.097, 3.421

Sweetspot

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



46, 11.098, 133.423



60, 4.507, 133.863



45, 6.932, 86.525



31, 3.100, 133.839



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



46, 11.098, 133.423



58, 16.305, 133.273



46, 11.281, 147.393



23, 4.109, 133.693



44, 64.770, 131.539



86, 111.651, 132.338

Inverse Universe

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



42, 11.247, 314.628



52, 16.569, 314.768



43, 11.306, 329.141



22, 4.145, 314.371



20, 69.041, 316.134



45, 118.368, 315.560

Previews

White Background



This preview shows how the CIELCh color 46, 11.097, 133.421 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, 11.097, 133.421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

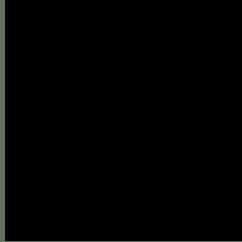
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 11.097, 133.421

Background



This preview shows how black text looks on a background with the CIELCh color 46, 11.097, 133.421.



This preview shows how white text looks on a background with the CIELCh color 46, 11.097, 133.421.

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, 11.097, 133.421

Protanopia

46, 9.248, 92.593

Deuteranopia

46, 9.540, 49.808



Tritanopia
46, 5.544, 274.510

Trichromacy



Original Color
46, 11.097, 133.421

Protanomaly
46, 9.461, 111.445

Deuteranomaly
46, 7.892, 83.299

Tritanomaly
46, 2.415, 199.268

Monochromacy



Original Color
46, 11.097, 133.421

Achromatopsia
45, 0.006, 296.813

Achromatomaly
46, 3.940, 134.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 11.097, 133.421 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(101, 112, 95)` looks like.

```
.text, #text, p{  
    color:rgb(101, 112, 95)  
}
```

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(101, 112, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 112, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 11.097, 133.421 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(101, 112, 95) }
```

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

```
.border{ border-color:rgb(101, 112, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 112, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 112, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 112, 95);  
box-shadow:4px 4px 4px 4px rgb(101, 112,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 11.097, 133.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 112, 95) }
```

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

```
.background{ background-color: rgb(101,  
112, 95) }
```

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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