

Converting Colors

CIELCh(46, 11.090, 60.091)

Have a look what the booklet for
CIELCh(46, 11.090, 60.091) contains.

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Color

CIELCh(46, 11.019, 59.994)

Conversions

Conversions Part 1

Format	Color
Hex	7C695D
RGB	124, 105, 93
RGB Percent	49%, 41%, 36%
CMY	0.5125, 0.5870, 0.6341
CMYK	0.00, 0.15, 0.25, 0.51
HSL	23°, 14%, 43%
HSV	23°, 25%, 49%
XYZ	15.4288, 15.2687, 12.5585
YIQ	109.3130, 15.1760, 0.2960

Conversions

Conversions Part 2

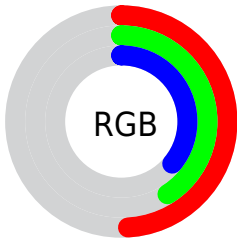
Format	Color
RYB	124, 113, 93
Decimal	8153437
CIELab	46.00, 5.51, 9.54
CIELCh	46, 11.019, 59.994
Yxy	15.2687, 0.3567, 0.3530
Android (android.graphics.Color)	4286343517 (0xFF7C695D)
YUV	109.3130, -8.0423, 12.8805
Hunter-Lab	39.0751, 2.0991, 8.2972

Details

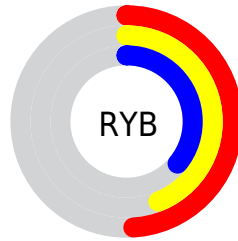
The CIELCh color **46, 11.019, 59.994** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **46, 9.869, 245.356**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 11.132, 59.904**, and **26, 11.223, 59.759** is the 20% darker color. If you saturate the color by 10%, you get **44, 15.938, 59.136**, and if you desaturate by 10%, it is **48, 6.398, 60.892**.

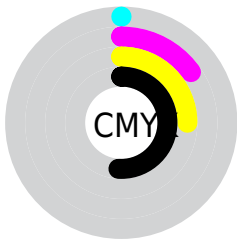
Distribution



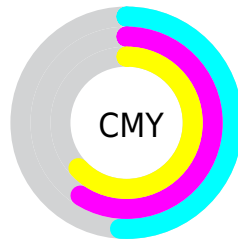
- Red (49%)
- Green (41%)
- Blue (36%)



- Red (49%)
- Yellow (44%)
- Blue (36%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (51%)





















- Cyan (51%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 11.019, 59.994 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, 11.019, 59.994 by changing the saturation by 10% instead.

 46, 11.019, 59.994	 46, 11.019, 59.994
 100, 11.019, 59.994	 36, 11.019, 59.994
 66, 11.019, 59.994	 26, 11.019, 59.994
 76, 11.019, 59.994	 16, 11.019, 59.994
 86, 11.019, 59.994	 6, 11.019, 59.994
 96, 11.019, 59.994	 0, 11.019, 59.994

 46, 11.019, 59.994	 46, 11.019, 59.994
 44, 15.938, 59.136	 48, 6.398, 60.892
 41, 21.169, 58.309	 51, 2.053, 61.717

■ 39, 26.705, 57.527

■ 53, 2.042, 242.969

■ 37, 32.500, 56.779

■ 56, 5.913, 243.805

■ 35, 38.430, 56.011

■ 58, 9.586, 244.713

■ 33, 44.216, 55.091

■ 61, 13.084,
245.615

■ 31, 49.436, 53.849

■ 64, 16.428,
246.500

■ 30, 52.141, 53.459

■ 66, 19.637,
247.361

■ 69, 22.726,
248.195

Harmonies

Complementary

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



46, 11.019, 59.994



46, 9.869, 245.356

Rectangle

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



46, 11.019, 59.994



46, 11.019, 109.994



46, 11.019, 239.994



46, 11.019, 289.994

Sweetspot

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



46, 11.019, 60.004



64, 3.606, 61.559



43, 17.068, 339.729



33, 2.364, 61.525



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, 11.019, 60.004



57, 16.644, 59.501



50, 15.939, 102.414



24, 2.336, 61.405



31, 52.358, 53.453



61, 90.030, 51.560

Inverse Universe

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



46, 9.869, 245.356



57, 14.481, 246.268



42, 16.609, 288.006



25, 2.255, 243.345



31, 33.015, 268.671



62, 57.842, 271.596

Previews

White Background



This preview shows how the CIELCh color 46, 11.019, 59.994 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, 11.019, 59.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

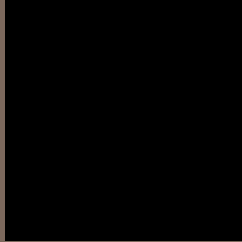
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 11.019, 59.994

Background



This preview shows how black text looks on a background with the CIELCh color 46, 11.019, 59.994.



This preview shows how white text looks on a background with the CIELCh color 46, 11.019, 59.994.

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, 11.019, 59.994

Protanopia

46, 8.546, 94.423

Deuteranopia

46, 11.368, 58.563



Tritanopia
46, 10.647, 354.430

Trichromacy



Original Color
46, 11.019, 59.994

Protanomaly
46, 9.359, 81.363

Deuteranomaly
46, 11.368, 58.563

Tritanomaly
46, 8.897, 16.695

Monochromacy



Original Color
46, 11.019, 59.994

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 3.759, 58.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 11.019, 59.994 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(124, 105, 93)` looks like.

```
.text, #text, p{  
    color:rgb(124, 105, 93)  
}
```

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(124, 105, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 105, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 11.019, 59.994 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(124, 105, 93) }
```

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

```
.border{ border-color:rgb(124, 105, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 105, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 105, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 105, 93);  
box-shadow:4px 4px 4px 4px rgb(124, 105,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 11.019, 59.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 105, 93) }
```

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

```
.background{ background-color: rgb(124,  
105, 93) }
```

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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