

Converting Colors

CIELCh(46, 17.557, 140.413)

Have a look what the booklet for
CIELCh(46, 17.557, 140.413)
contains.

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Color

CIELCh(46, 17.682, 141.087)

Conversions

Conversions Part 1

Format	Color
Hex	5C735A
RGB	92, 115, 90
RGB Percent	36%, 45%, 35%
CMY	0.6393, 0.5491, 0.6471
CMYK	0.20, 0.00, 0.22, 0.55
HSL	115°, 12%, 40%
HSV	115°, 22%, 45%
XYZ	12.3844, 15.2687, 11.9627
YIQ	105.2730, -5.6830, -12.6510

Conversions

Conversions Part 2

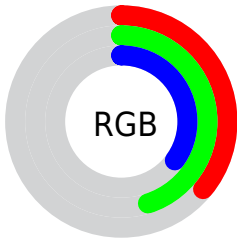
Format	Color
R_{YB}	90, 115, 113
Decimal	6058842
CIE _{Lab}	46.00, -13.76, 11.11
CIE _{LCh}	46, 17.682, 141.087
Yxy	15.2687, 0.3126, 0.3854
Android (android.graphics.Color)	4284248922 (0xFF5C735A)
YUV	105.2730, -7.5296, -11.6404
Hunter-Lab	39.0751, -11.8081, 9.2013

Details

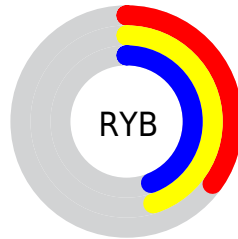
The CIELCh color $46, 17.682, 141.087$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $41, 17.752, 323.292$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 17.643, 140.560$, and $26, 18.057, 141.292$ is the 20% darker color. If you saturate the color by 10%, you get $45, 25.807, 140.401$, and if you desaturate by 10%, it is $47, 9.515, 141.693$.

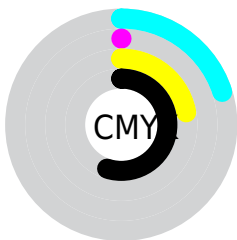
Distribution



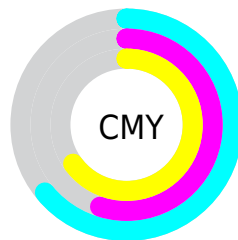
- Red (36%)
- Green (45%)
- Blue (35%)



- Red (35%)
- Yellow (45%)
- Blue (44%)



- Cyan (20%)
- Magenta (0%)
- Yellow (22%)
- Black (55%)




- Cyan (64%)
- Magenta (55%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 17.682, 141.087 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, 17.682, 141.087 by changing the saturation by 10% instead.


 46, 17.682,
141.087


 46, 17.682,
141.087


 100, 17.682,
141.087


 36, 17.682,
141.087

 66, 17.682,
141.087


 26, 17.682,
141.087

 76, 17.682,
141.087

 16, 17.682,
141.087


 86, 17.682,
141.087

 6, 17.682, 141.087

 96, 17.682,
141.087

 0, 17.682, 141.087

 46, 17.682,

 46, 17.682,

141.087

141.087

■ 45, 25.807,
140.401

■ 47, 9.515, 141.693

■ 44, 33.761,
139.631

■ 48, 1.399, 142.306

■ 49, 6.598, 322.611

■ 44, 41.377,
138.792

■ 51, 14.428,
323.003

■ 43, 48.444,
137.917

■ 52, 22.060,
323.331

■ 42, 54.700,
137.075

■ 54, 29.478,
323.610

■ 42, 59.840,
136.364

■ 55, 36.673,
323.847

■ 42, 63.568,
135.903

■ 57, 43.644,
324.050

■ 42, 66.005,
135.434

■ 59, 50.396,

Harmonies

Complementary

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



46, 17.682, 141.087



41, 17.752, 323.292

Rectangle

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



46, 17.682, 141.087



46, 17.682, 191.087



46, 17.682, 321.087



46, 17.682, 11.087

Sweetspot

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



46, 17.683, 141.088



61, 7.048, 141.948



47, 13.470, 104.450



32, 4.617, 141.926



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, 17.683, 141.088



59, 26.366, 140.759



46, 13.392, 157.719



24, 4.628, 141.844



44, 69.062, 135.475



86, 117.535, 135.755

Inverse Universe

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



41, 17.752, 323.292



52, 26.479, 323.524



41, 13.620, 341.068



23, 4.642, 322.679



26, 67.444, 325.224



56, 114.385, 325.060

Previews

White Background



This preview shows how the CIELCh color 46, 17.682, 141.087 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, 17.682, 141.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

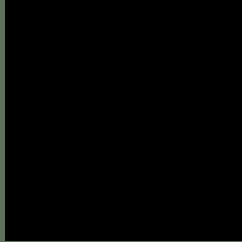
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 17.682, 141.087

Background



This preview shows how black text looks on a background with the CIELCh color 46, 17.682, 141.087.



This preview shows how white text looks on a background with the CIELCh color 46, 17.682, 141.087.

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, 17.682, 141.087

Protanopia

46, 12.795, 94.436

Deuteranopia

46, 11.776, 60.643



Tritanopia
46, 7.451, 245.060

Trichromacy



Original Color
46, 17.682, 141.087

Protanomaly
46, 13.661, 115.585

Deuteranomaly
46, 10.772, 99.379

Tritanomaly
46, 7.007, 183.847

Monochromacy



Original Color
46, 17.682, 141.087

Achromatopsia
44, 0.006, 296.813

Achromatomaly
45, 6.556, 144.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 17.682, 141.087 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, 115, 90)` looks like.

```
.text, #text, p{  
    color:rgb(92, 115, 90)  
}
```

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, 115, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 115, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 17.682, 141.087 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, 115, 90) }
```

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

```
.border{ border-color:rgb(92, 115, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 115, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 115, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 115, 90);  
box-shadow:4px 4px 4px 4px rgb(92, 115,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 17.682, 141.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 115, 90) }
```

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

```
.background{ background-color: rgb(92, 115,  
90) }
```

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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