

Converting Colors

CIELCh(46, 21.292, 150.114)

Have a look what the booklet for
CIELCh(46, 21.292, 150.114)
contains.

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Color

CIELCh(46, 21.079, 150.395)

Conversions

Conversions Part 1

Format	Color
Hex	52755B
RGB	82, 117, 91
RGB Percent	32%, 46%, 36%
CMY	0.6785, 0.5412, 0.6432
CMYK	0.30, 0.00, 0.22, 0.54
HSL	135°, 18%, 39%
HSV	135°, 30%, 46%
XYZ	11.7267, 15.2687, 12.2243
YIQ	103.5710, -12.5140, -15.5060

Conversions

Conversions Part 2

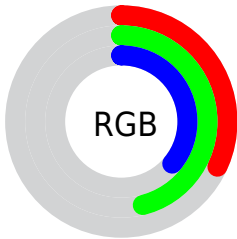
Format	Color
RYB	82, 110, 117
Decimal	5403995
CIELab	46.00, -18.33, 10.41
CIElCh	46, 21.079, 150.395
Yxy	15.2687, 0.2990, 0.3893
Android (android.graphics.Color)	4283594075 (0xFF52755B)
YUV	103.5710, -6.1975, -18.9178
Hunter-Lab	39.0751, -14.8123, 8.8042

Details

The CIELCh color **46, 21.079, 150.395** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **39, 21.237, 334.553**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 21.073, 150.518**, and **26, 21.585, 150.133** is the 20% darker color. If you saturate the color by 10%, you get **45, 27.992, 149.421**, and if you desaturate by 10%, it is **47, 14.038, 151.246**.

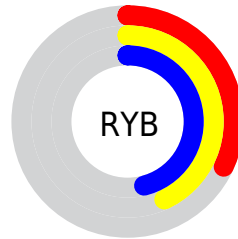
Distribution



Red (32%)

Green (46%)

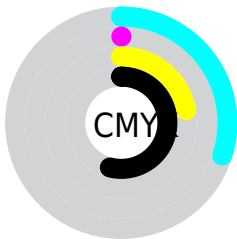
Blue (36%)



Red (32%)

Yellow (43%)

Blue (46%)

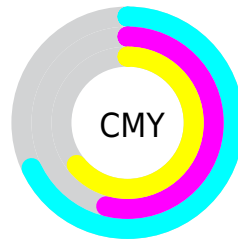


Cyan (30%)

Magenta (0%)

Yellow (22%)

Black (54%)



Cyan (68%)

Magenta (54%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 21.079, 150.395 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, 21.079, 150.395 by changing the saturation by 10% instead.


 46, 21.079,
150.395


 46, 21.079,
150.395


 100, 21.079,
150.395


 36, 21.079,
150.395

 66, 21.079,
150.395


 26, 21.079,
150.395

 76, 21.079,
150.395

 16, 21.079,
150.395

 86, 21.079,
150.395

 6, 21.079, 150.395

 96, 21.079,
150.395

 0, 21.079, 150.395

 46, 21.079,

 46, 21.079,

150.395

■ 45, 27.992,
149.421

■ 44, 34.659,
148.306

■ 44, 40.955,
147.035

■ 43, 46.749,
145.604

■ 43, 51.919,
144.023

■ 43, 56.365,
142.325

■ 42, 60.175,
140.748

■ 42, 60.204,
140.737

150.395

■ 47, 14.038,
151.246

■ 48, 6.965, 151.999

■ 49, 0.063, 329.117

■ 51, 6.985, 333.150

■ 52, 13.760,
333.668

■ 53, 20.358,
334.121

■ 55, 26.764,
334.525

■ 57, 32.970,
334.888

■ 58, 38.972,

Harmonies

Complementary

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



46, 21.079, 150.395



39, 21.237, 334.553

Rectangle

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



46, 21.079, 150.395



46, 21.079, 200.395



46, 21.079, 330.395



46, 21.079, 20.395

Sweetspot

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



46, 21.080, 150.395



62, 7.871, 152.049



48, 20.705, 118.118



32, 5.440, 151.964



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, 21.080, 150.395



59, 31.510, 149.726



46, 14.527, 176.779



24, 3.959, 152.063



44, 62.326, 140.639



86, 108.346, 139.566

Inverse Universe

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



39, 21.237, 334.553



49, 31.749, 335.057



39, 16.061, 2.661



23, 3.975, 333.136



27, 55.515, 341.239



56, 93.226, 342.172

Previews

White Background



This preview shows how the CIELCh color 46, 21.079, 150.395 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, 21.079, 150.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

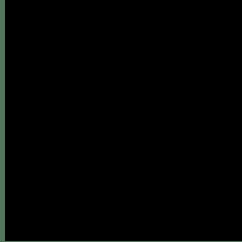
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 21.079, 150.395

Background



This preview shows how black text looks on a background with the CIELCh color 46, 21.079, 150.395.



This preview shows how white text looks on a background with the CIELCh color 46, 21.079, 150.395.

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, 21.079, 150.395

Protanopia

46, 12.795, 94.436

Deuteranopia

46, 10.618, 57.728



Tritanopia
46, 10.517, 229.280

Trichromacy



Original Color
46, 21.079, 150.395

Protanomaly
46, 14.011, 122.536

Deuteranomaly
46, 9.462, 108.840

Tritanomaly
46, 10.957, 188.760

Monochromacy



Original Color
46, 21.079, 150.395

Achromatopsia
44, 0.006, 296.813

Achromatomaly
45, 8.065, 150.893

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 21.079, 150.395 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(82, 117, 91)` looks like.

```
.text, #text, p{  
    color:rgb(82, 117, 91)  
}
```

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(82, 117, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 117, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 21.079, 150.395 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(82, 117, 91) }
```

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

```
.border{ border-color:rgb(82, 117, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 117, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 117, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 117, 91);  
box-shadow:4px 4px 4px 4px rgb(82, 117,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 21.079, 150.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 117, 91) }
```

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

```
.background{ background-color: rgb(82, 117,  
91) }
```

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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