

Converting Colors

CIELCh(46, 11.662, 220.947)

Have a look what the booklet for
CIELCh(46, 11.662, 220.947)
contains.

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Color

CIELCh(46, 11.630, 219.393)

Conversions

Conversions Part 1

Format	Color
Hex	547279
RGB	84, 114, 121
RGB Percent	33%, 45%, 47%
CMY	0.6710, 0.5533, 0.5259
CMYK	0.31, 0.06, 0.00, 0.53
HSL	191°, 18%, 40%
HSV	191°, 31%, 47%
XYZ	13.0969, 15.2687, 20.3119
YIQ	105.8280, -20.1270, -4.1830

Conversions

Conversions Part 2

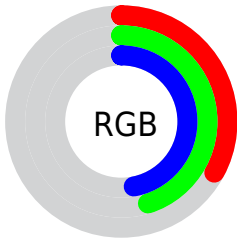
Format	Color
R _Y B	84, 101, 121
Decimal	5534329
CIE Lab	46.00, -8.99, -7.38
CIE LCh	46, 11.630, 219.393
Yxy	15.2687, 0.2691, 0.3137
Android (android.graphics.Color)	4283724409 (0xFF547279)
YUV	105.8280, 7.4798, -19.1432
Hunter-Lab	39.0751, -8.5534, -3.4673

Details

The CIELCh color **46, 11.630, 219.393** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **41, 14.248, 38.124**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 11.517, 218.346**, and **26, 11.574, 221.384** is the 20% darker color. If you saturate the color by 10%, you get **45, 14.846, 220.116**, and if you desaturate by 10%, it is **47, 8.088, 218.875**.

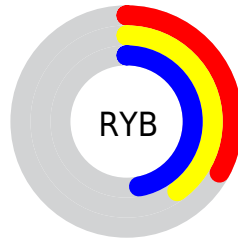
Distribution



Red (33%)

Green (45%)

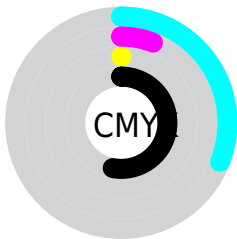
Blue (47%)



Red (33%)

Yellow (40%)

Blue (47%)

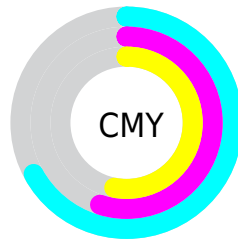


Cyan (31%)

Magenta (6%)

Yellow (0%)

Black (53%)



Cyan (67%)


Magenta (55%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 11.630, 219.393 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, 11.630, 219.393 by changing the saturation by 10% instead.


 46, 11.630,
219.393


 46, 11.630,
219.393


 100, 11.630,
219.393


 36, 11.630,
219.393

 66, 11.630,
219.393


 26, 11.630,
219.393

 76, 11.630,
219.393

 16, 11.630,
219.393


 86, 11.630,
219.393

 6, 11.630, 219.393

 96, 11.630,
219.393

 0, 11.630, 219.393

 46, 11.630,

 46, 11.630,

219.393

219.393

■ 45, 14.846,
220.116

■ 47, 8.088, 218.875

■ 43, 17.678,
221.106

■ 49, 4.277, 218.554

■ 51, 0.250, 219.741

■ 42, 20.075,
222.414

■ 52, 3.945, 38.008

■ 41, 22.000,
224.109

■ 54, 8.267, 38.008

■ 56, 12.683, 38.034

■ 40, 23.440,
226.261

■ 58, 17.163, 38.100

■ 39, 24.418,
228.936

■ 60, 21.686, 38.197

■ 62, 26.232, 38.319

■ 38, 25.129,
231.708

Harmonies

Complementary

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



46, 11.630, 219.393



41, 14.248, 38.124

Rectangle

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



46, 11.630, 219.393



46, 11.630, 269.393



46, 11.630, 39.393



46, 11.630, 89.393

Sweetspot

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



46, 11.630, 219.388



63, 4.537, 218.528



47, 23.395, 147.766



32, 3.126, 218.550



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



46, 11.630, 219.388



58, 17.036, 219.898



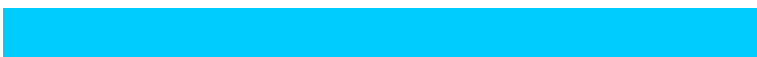
40, 15.810, 276.883



25, 2.304, 218.525



39, 25.736, 231.843



76, 43.463, 233.993

Inverse Universe

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



41, 23.386, 332.004



50, 35.081, 332.477



47, 15.818, 88.707



24, 4.324, 330.654



28, 59.090, 337.137



57, 98.739, 337.721

Previews

White Background



This preview shows how the CIELCh color 46, 11.630, 219.393 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, 11.630, 219.393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

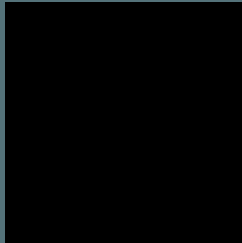
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

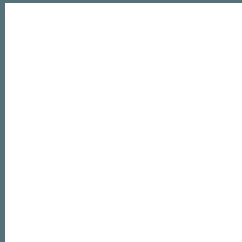
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 11.630, 219.393

Background



This preview shows how black text looks on a background with the CIELCh color 46, 11.630, 219.393.



This preview shows how white text looks on a background with the CIELCh color 46, 11.630, 219.393.

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, 11.630, 219.393

Protanopia

46, 5.356, 290.926

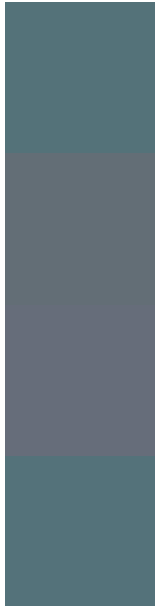
Deuteranopia

46, 10.527, 306.594



Tritanopia
46, 11.978, 225.033

Trichromacy



Original Color
46, 11.630, 219.393

Protanomaly
46, 6.297, 248.361

Deuteranomaly
46, 8.119, 271.957

Tritanomaly
46, 11.790, 222.253

Monochromacy



Original Color
46, 11.630, 219.393

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 4.490, 214.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 11.630, 219.393 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(84, 114, 121)` looks like.

```
.text, #text, p{  
    color:rgb(84, 114, 121)  
}
```

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(84, 114, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 114, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 11.630, 219.393 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(84, 114, 121) }
```

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

```
.border{ border-color:rgb(84, 114, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 114, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 114, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 114, 121);  
box-shadow:4px 4px 4px 4px rgb(84, 114,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 11.630, 219.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 114, 121) }
```

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

```
.background{ background-color: rgb(84, 114,  
121) }
```

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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