

Converting Colors

CIELCh(46, 19.426, 278.208)

Have a look what the booklet for
CIELCh(46, 19.426, 278.208)
contains.

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Color

CIELCh(46, 19.455, 278.247)

Conversions

Conversions Part 1

Format	Color
Hex	5F6D8D
RGB	95, 109, 141
RGB Percent	37%, 43%, 55%
CMY	0.6278, 0.5729, 0.4474
CMYK	0.33, 0.23, 0.00, 0.45
HSL	222°, 20%, 46%
HSV	222°, 33%, 55%
XYZ	14.9718, 15.2687, 27.3235
YIQ	108.4620, -18.6160, 6.9840

Conversions

Conversions Part 2

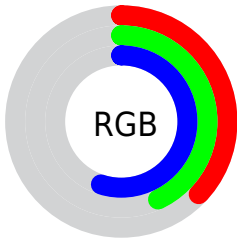
Format	Color
R_{YB}	95, 106, 141
Decimal	6253965
CIE _{Lab}	46.00, 2.79, -19.25
CIE _{LCh}	46, 19.455, 278.247
Yxy	15.2687, 0.2601, 0.2652
Android (android.graphics.Color)	4284444045 (0xFF5F6D8D)
YUV	108.4620, 16.0412, -11.8062
Hunter-Lab	39.0751, 0.0115, -14.1062

Details

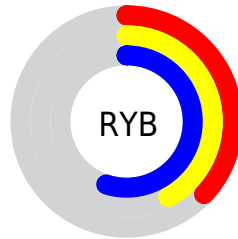
The CIELCh color `46, 19.455, 278.247` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `54, 19.371, 89.348`, and the grayscale version is `46, 0.006, 296.813`.

A 20% lighter version of the original color is `66, 19.766, 279.288`, and `26, 19.424, 278.365` is the 20% darker color. If you saturate the color by 10%, you get `42, 25.670, 280.282`, and if you desaturate by 10%, it is `50, 13.366, 276.497`.

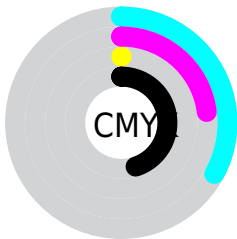
Distribution



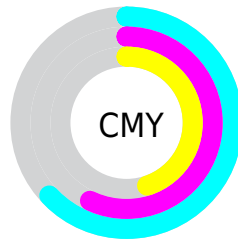
- Red (37%)
- Green (43%)
- Blue (55%)



- Red (37%)
- Yellow (42%)
- Blue (55%)



- Cyan (33%)
- Magenta (23%)
- Yellow (0%)
- Black (45%)




- Cyan (63%)
- Magenta (57%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 19.455, 278.247 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, 19.455, 278.247 by changing the saturation by 10% instead.


 46, 19.455,
278.247


 46, 19.455,
278.247


 100, 19.455,
278.247


 36, 19.455,
278.247

 66, 19.455,
278.247


 26, 19.455,
278.247

 76, 19.455,
278.247


 16, 19.455,
278.247


 86, 19.455,
278.247

 6, 19.455, 278.247

 96, 19.455,
278.247

 0, 19.455, 278.247

 46, 19.455,

 46, 19.455,

278.247

278.247

■ 42, 25.670,
280.282

■ 50, 13.366,
276.497

■ 38, 32.031,
282.641

■ 54, 7.396, 275.001

■ 35, 38.561,
285.341

■ 58, 1.536, 273.791

■ 61, 4.216, 92.515

■ 31, 45.279,
288.368

■ 65, 9.862, 91.560

■ 28, 52.177,
291.653

■ 69, 15.402, 90.709

■ 73, 20.838, 89.957

■ 25, 59.174,
295.053

■ 77, 26.172, 89.289

■ 22, 64.300,
297.362

■ 80, 31.403, 88.692

Harmonies

Complementary

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



46, 19.455, 278.247



54, 19.371, 89.348

Rectangle

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



46, 19.455, 278.247



46, 19.455, 328.247



46, 19.455, 98.247



46, 19.455, 148.247

Sweetspot

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



46, 19.454, 278.246



70, 7.246, 274.674



55, 19.215, 171.665



36, 4.931, 274.838



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



46, 19.454, 278.246



56, 29.054, 279.681



43, 27.980, 300.102



28, 3.330, 274.540



21, 62.128, 297.223



1, 2.233, 273.372

Inverse Universe

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



46, 20.889, 359.199



56, 31.194, 0.270



57, 26.026, 115.120



28, 3.513, 356.435



28, 54.171, 19.102



0, 2.331, 355.652

Previews

White Background



This preview shows how the CIELCh color 46, 19.455, 278.247 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, 19.455, 278.247 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

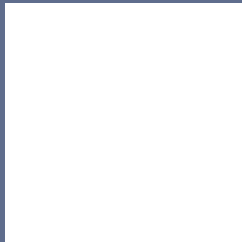
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 19.455, 278.247

Background



This preview shows how black text looks on a background with the CIELCh color 46, 19.455, 278.247.

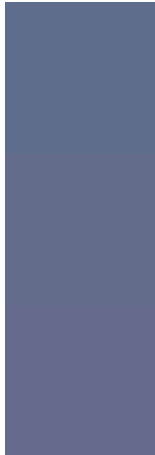


This preview shows how white text looks on a background with the CIELCh color 46, 19.455, 278.247.

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, 19.455, 278.247

Protanopia

46, 19.143, 284.245

Deuteranopia

46, 20.251, 287.901



Tritanopia
46, 9.362, 233.734

Trichromacy



Original Color
46, 19.455, 278.247

Protanomaly
46, 19.237, 282.213

Deuteranomaly
46, 19.769, 283.622

Tritanomaly
46, 12.045, 256.396

Monochromacy



Original Color
46, 19.455, 278.247

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 7.360, 275.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 19.455, 278.247 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(95, 109, 141)` looks like.

```
.text, #text, p{  
    color:rgb(95, 109, 141)  
}
```

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(95, 109, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 109, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 19.455, 278.247 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(95, 109, 141) }
```

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

```
.border{ border-color:rgb(95, 109, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 109, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 109, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 109, 141);  
box-shadow:4px 4px 4px 4px rgb(95, 109,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 19.455, 278.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 109, 141) }
```

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

```
.background{ background-color: rgb(95, 109,  
141) }
```

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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