

Converting Colors

CIELCh(44, 18.051, 284.682)

Have a look what the booklet for
CIELCh(44, 18.051, 284.682)
contains.

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Color

CIELCh(44, 18.080, 284.712)

Conversions

Conversions Part 1	
Format	Color
Hex	606785
RGB	96, 103, 133
RGB Percent	38%, 40%, 52%
CMY	0.6241, 0.5967, 0.4791
CMYK	0.28, 0.23, 0.00, 0.48
HSL	229°, 16%, 45%
HSV	229°, 28%, 52%
XYZ	13.8659, 13.8382, 24.0731
YIQ	104.3270, -13.8020, 7.8460

Conversions

Conversions Part 2

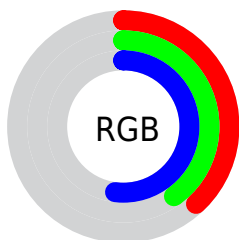
Format	Color
RYB	96, 102, 133
Decimal	6317957
CIELab	44.00, 4.59, -17.49
CIELCh	44, 18.080, 284.712
Yxy	13.8382, 0.2678, 0.2673
Android (android.graphics.Color)	4284508037 (0xFF606785)
YUV	104.3270, 14.1358, -7.3028
Hunter-Lab	37.1997, 1.4347, -12.3285

Details

The CIELCh color `44, 18.080, 284.712` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `53, 17.493, 97.944`, and the grayscale version is `44, 0.006, 296.813`.

A 20% lighter version of the original color is `64, 17.954, 284.294`, and `24, 18.031, 284.595` is the 20% darker color. If you saturate the color by 10%, you get `40, 24.955, 286.449`, and if you desaturate by 10%, it is `48, 11.417, 283.218`.

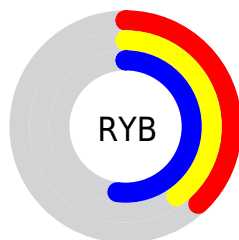
Distribution



Red (38%)

Green (40%)

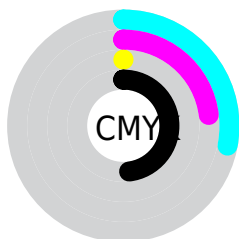
Blue (52%)



Red (38%)

Yellow (40%)

Blue (52%)

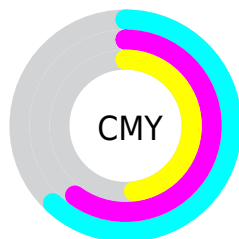


Cyan (28%)

Magenta (23%)

Yellow (0%)

Black (48%)



Cyan (62%)

Magenta (60%)

Yellow (48%)

Brightness & Saturation


Gradients


These gradients show how the CIELCh color 44, 18.080, 284.712 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 44, 18.080, 284.712 by changing the saturation by 10% instead.


 44, 18.080,
284.712


 44, 18.080,
284.712


 100, 18.080,
284.712


 34, 18.080,
284.712

 64, 18.080,
284.712


 24, 18.080,
284.712

 74, 18.080,
284.712


 14, 18.080,
284.712


 84, 18.080,
284.712

 4, 18.080, 284.712

 94, 18.080,
284.712


 0, 18.080, 284.712


 44, 18.080,

 44, 18.080,

284.712


 40, 24.955,
286.449

 36, 32.066,
288.462

 32, 39.426,
290.767

 28, 47.030,
293.349


 24, 54.806,
296.138

 21, 62.534,
298.988

 18, 69.784,
301.599

 17, 71.242,
302.069

284.712

 48, 11.417,
283.218

 52, 4.952, 281.945

 56, 1.331, 100.729

 60, 7.442, 99.838

 64, 13.391, 99.008

 69, 19.184, 98.279

 73, 24.830, 97.637

 76, 30.335, 97.067

 80, 35.704, 96.560

Harmonies

Complementary

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



44, 18.080, 284.712



53, 17.493, 97.944

Rectangle

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



44, 18.080, 284.712



44, 18.080, 334.712



44, 18.080, 104.712



44, 18.080, 154.712

Sweetspot

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



44, 18.079, 284.711



67, 6.279, 281.984



53, 14.605, 180.784



34, 4.451, 282.142



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



44, 18.079, 284.711



54, 26.877, 285.706



43, 22.758, 303.592



26, 3.559, 282.095



17, 70.028, 302.014



0, 0.843, 281.040

Inverse Universe

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



45, 16.277, 6.957



55, 24.280, 7.783



54, 21.579, 120.245



26, 3.143, 4.812



26, 55.929, 28.487



0, 0.736, 4.068

Previews

White Background



This preview shows how the CIELCh color 44, 18.080, 284.712 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 44, 18.080, 284.712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

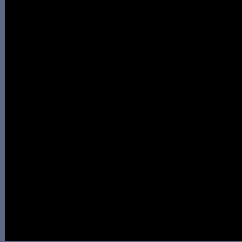
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

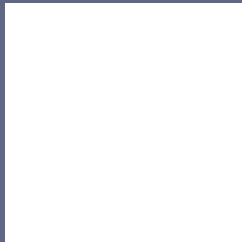
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 18.080, 284.712

Background



This preview shows how black text looks on a background with the CIELCh color 44, 18.080, 284.712.

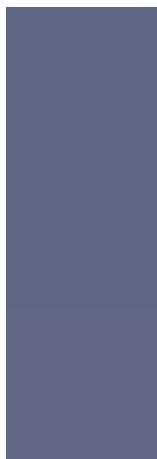


This preview shows how white text looks on a background with the CIELCh color 44, 18.080, 284.712.

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

44, 18.080, 284.712

Protanopia

44, 18.080, 284.712

Deuteranopia

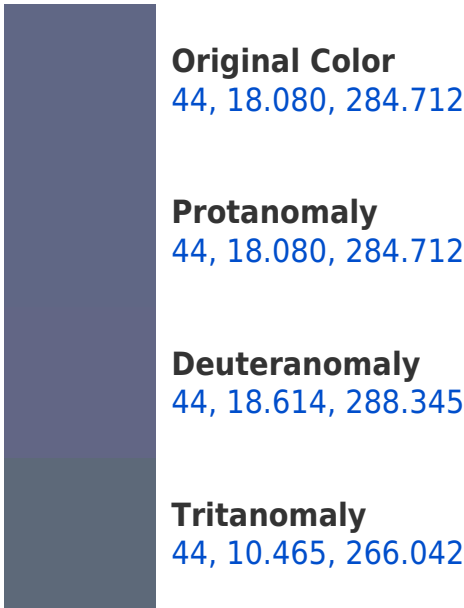
44, 18.597, 289.441



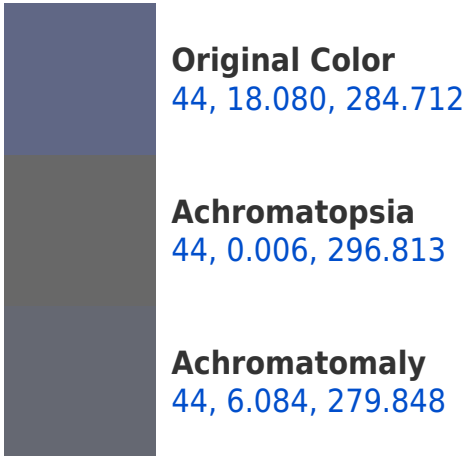
Tritanopia

44, 7.499, 245.160

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 18.080, 284.712 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(96, 103, 133)` looks like.

```
.text, #text, p{  
    color:rgb(96, 103, 133)  
}
```

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(96, 103, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 103, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 18.080, 284.712 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(96, 103, 133) }
```

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

```
.border{ border-color:rgb(96, 103, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 103, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 103, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 103, 133);  
box-shadow:4px 4px 4px 4px rgb(96, 103,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 18.080, 284.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 103, 133) }
```

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

```
.background{ background-color: rgb(96, 103,  
133) }
```

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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