

Converting Colors

CIELCh(44, 19.316, 277.733)

Have a look what the booklet for
CIELCh(44, 19.316, 277.733)
contains.

CIELCh(44, 19.604, 278.454)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(44, 19.604, 278.454)

Conversions

Conversions Part 1

Format	Color
Hex	5A6888
RGB	90, 104, 136
RGB Percent	35%, 41%, 53%
CMY	0.6472, 0.5923, 0.4669
CMYK	0.34, 0.24, 0.00, 0.47
HSL	222°, 20%, 44%
HSV	222°, 34%, 53%
XYZ	13.5974, 13.8382, 25.2279
YIQ	103.4620, -18.6160, 6.9840

Conversions

Conversions Part 2

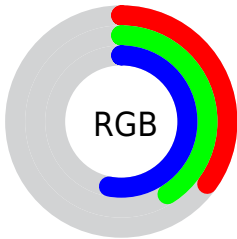
Format	Color
R_{YB}	90, 101, 136
Decimal	5925000
CIE Lab	44.00, 2.88, -19.39
CIE LCh	44, 19.604, 278.454
Yxy	13.8382, 0.2582, 0.2628
Android (android.graphics.Color)	4284115080 (0xFF5A6888)
YUV	103.4620, 16.0412, -11.8062
Hunter-Lab	37.1997, 0.1467, -14.1692

Details

The CIELCh color `44, 19.604, 278.454` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `52, 19.513, 89.210`, and the grayscale version is `44, 0.006, 296.813`.

A 20% lighter version of the original color is `64, 19.406, 277.970`, and `24, 19.650, 278.918` is the 20% darker color. If you saturate the color by 10%, you get `40, 25.654, 280.515`, and if you desaturate by 10%, it is `48, 13.678, 276.680`.

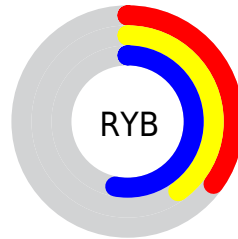
Distribution



 Red (35%)

 Green (41%)

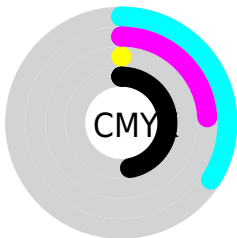
 Blue (53%)



 Red (35%)

 Yellow (40%)

 Blue (53%)

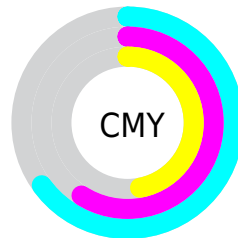


 Cyan (34%)

 Magenta (24%)

 Yellow (0%)

 Black (47%)



 Cyan (65%)

 Magenta (59%)

 Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 19.604, 278.454 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, 19.604, 278.454 by changing the saturation by 10% instead.


 44, 19.604,
278.454


 44, 19.604,
278.454


 100, 19.604,
278.454

 34, 19.604,
278.454

 64, 19.604,
278.454


 24, 19.604,
278.454

 74, 19.604,
278.454


 14, 19.604,
278.454


 84, 19.604,
278.454

 4, 19.604, 278.454

 94, 19.604,
278.454

 0, 19.604, 278.454

 44, 19.604,

 44, 19.604,

278.454

278.454

■ 40, 25.654,
280.515

■ 48, 13.678,
276.680

■ 37, 31.847,
282.901

■ 51, 7.868, 275.162

■ 33, 38.205,
285.626

■ 55, 2.165, 273.902

■ 59, 3.433, 92.637

■ 30, 44.747,
288.672

■ 63, 8.928, 91.675

■ 26, 51.460,
291.964

■ 66, 14.321, 90.814

■ 70, 19.614, 90.052

■ 23, 58.256,
295.349

■ 74, 24.806, 89.376

■ 22, 62.432,
297.244

■ 77, 29.899, 88.772

Harmonies

Complementary

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



44, 19.604, 278.454



52, 19.513, 89.210

Rectangle

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



44, 19.604, 278.454



44, 19.604, 328.454



44, 19.604, 98.454



44, 19.604, 148.454

Sweetspot

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



44, 19.603, 278.453



67, 6.999, 274.671



53, 19.305, 171.545



35, 4.818, 274.834



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



44, 19.603, 278.453



53, 29.562, 280.090



41, 28.221, 300.215



27, 3.230, 274.534



21, 61.162, 297.158



0, 1.489, 273.373

Inverse Universe

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



44, 21.052, 359.353



52, 31.718, 0.581



55, 26.176, 115.047



27, 3.408, 356.431



27, 53.402, 18.991



0, 1.554, 355.653

Previews

White Background



This preview shows how the CIELCh color 44, 19.604, 278.454 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, 19.604, 278.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

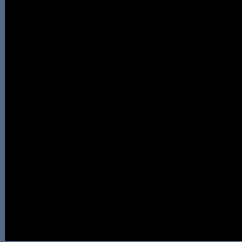
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

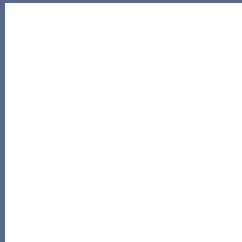
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 19.604, 278.454

Background



This preview shows how black text looks on a background with the CIELCh color 44, 19.604, 278.454.

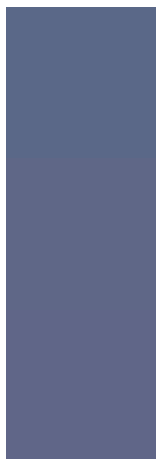


This preview shows how white text looks on a background with the CIELCh color 44, 19.604, 278.454.

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, 19.604, 278.454

Protanopia

44, 19.297, 284.404

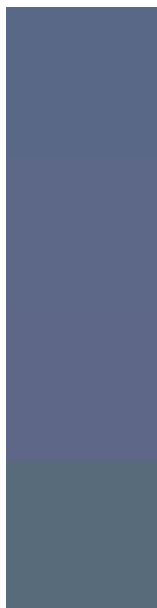
Deuteranopia

44, 20.442, 287.074



Tritanopia
44, 9.722, 228.255

Trichromacy



Original Color
44, 19.604, 278.454

Protanomaly
44, 19.390, 282.389

Deuteranomaly
44, 19.927, 283.792

Tritanomaly
44, 11.838, 253.273

Monochromacy



Original Color
44, 19.604, 278.454

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 7.420, 276.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 19.604, 278.454 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(90, 104, 136)` looks like.

```
.text, #text, p{  
    color:rgb(90, 104, 136)  
}
```

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(90, 104, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 104, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 19.604, 278.454 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(90, 104, 136) }
```

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

```
.border{ border-color:rgb(90, 104, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 104, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 104, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 104, 136);  
box-shadow:4px 4px 4px 4px rgb(90, 104,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 19.604, 278.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 104, 136) }
```

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

```
.background{ background-color: rgb(90, 104,  
136) }
```

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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