

Converting Colors

CIELCh(44, 19.651, 312.378)

Have a look what the booklet for
CIELCh(44, 19.651, 312.378)
contains.

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Color

CIELCh(44, 19.928, 312.858)

Conversions

Conversions Part 1

Format	Color
Hex	736180
RGB	115, 97, 128
RGB Percent	45%, 38%, 50%
CMY	0.5478, 0.6184, 0.4968
CMYK	0.10, 0.24, 0.00, 0.50
HSL	275°, 14%, 44%
HSV	275°, 24%, 50%
XYZ	15.3312, 13.8382, 22.3943
YIQ	105.9160, 0.7770, 13.4570

Conversions

Conversions Part 2

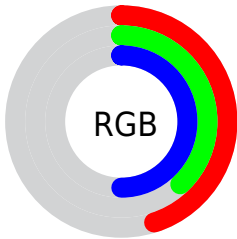
Format	Color
R_{YB}	115, 97, 128
Decimal	7561600
CIE _{Lab}	44.00, 13.55, -14.61
CIE _{LCh}	44, 19.928, 312.858
Yxy	13.8382, 0.2973, 0.2684
Android (android.graphics.Color)	4285751680 (0xFF736180)
YUV	105.9160, 10.8874, 7.9667
Hunter-Lab	37.1997, 8.4658, -9.6529

Details

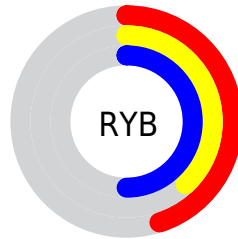
The CIELCh color $44, 19.928, 312.858$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $52, 19.416, 130.804$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 19.772, 312.450$, and $24, 20.500, 313.513$ is the 20% darker color. If you saturate the color by 10%, you get $40, 28.430, 313.316$, and if you desaturate by 10%, it is $48, 11.551, 312.411$.

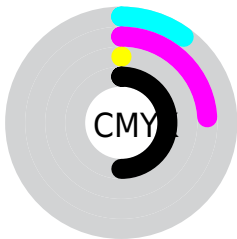
Distribution



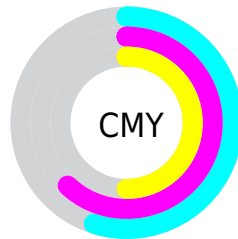
- Red (45%)
- Green (38%)
- Blue (50%)



- Red (45%)
- Yellow (38%)
- Blue (50%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)
- Black (50%)



- Cyan (55%)
- Magenta (62%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 19.928, 312.858 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, 19.928, 312.858 by changing the saturation by 10% instead.

 44, 19.928,
312.858


 44, 19.928,
312.858


 100, 19.928,
312.858


 34, 19.928,
312.858

 64, 19.928,
312.858


 24, 19.928,
312.858

 74, 19.928,
312.858

 14, 19.928,
312.858


 84, 19.928,
312.858

 4, 19.928, 312.858

 94, 19.928,
312.858

 0, 19.928, 312.858

 44, 19.928,

 44, 19.928,

312.858

40, 28.430,
313.316

36, 36.964,
313.768

33, 45.363,
314.186

29, 53.376,
314.525

26, 60.639,
314.725

23, 66.693,
314.707

21, 71.122,
314.401

20, 73.505,
314.227

312.858

48, 11.551,
312.411

52, 3.359, 311.972

56, 4.619, 131.639

60, 12.374,
131.273

64, 19.903,
130.952

68, 27.210,
130.667

72, 34.303,
130.414

76, 41.193,
130.190

■ 80, 47.888,
129.994

Harmonies

Complementary

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



44, 19.928, 312.858



52, 19.416, 130.804

Rectangle

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



44, 19.928, 312.858



44, 19.928, 2.858



44, 19.928, 132.858



44, 19.928, 182.858

Sweetspot

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



44, 19.927, 312.858



65, 6.977, 312.107



46, 11.411, 265.780



34, 4.571, 312.126



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



44, 19.927, 312.858



54, 29.635, 313.108



45, 21.118, 327.595



25, 4.543, 312.191



20, 73.164, 314.234



0, 0.000, 0.000

Inverse Universe

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



45, 14.982, 350.484



55, 22.268, 351.103



51, 21.096, 144.724



25, 3.410, 348.965



26, 50.519, 8.060



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 19.928, 312.858 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, 19.928, 312.858 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, 19.928, 312.858

Background



This preview shows how black text looks on a background with the CIELCh color 44, 19.928, 312.858.



This preview shows how white text looks on a background with the CIELCh color 44, 19.928, 312.858.

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, 19.928, 312.858

Protanopia

44, 17.453, 285.478

Deuteranopia

44, 15.011, 293.716



Tritanopia
44, 6.607, 333.792

Trichromacy



Original Color
44, 19.928, 312.858

Protanomaly
44, 18.065, 296.207

Deuteranomaly
44, 16.486, 301.670

Tritanomaly
44, 10.962, 319.757

Monochromacy



Original Color
44, 19.928, 312.858

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 7.044, 311.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 19.928, 312.858 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(115, 97, 128)` looks like.

```
.text, #text, p{  
    color:rgb(115, 97, 128)  
}
```

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(115, 97, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 97, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 19.928, 312.858 is called "border". The border property can be set on classes, ids or directly on the HTML element.

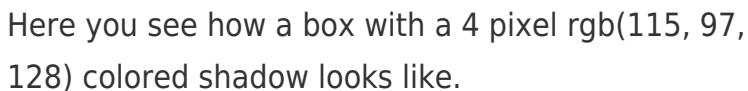
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 97, 128) }
```

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

```
.border{ border-color:rgb(115, 97, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 97, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 97, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 97, 128); box-shadow:4px 4px 4px 4px rgb(115, 97, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 19.928, 312.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 97, 128) }
```

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

```
.background{ background-color: rgb(115, 97,  
128) }
```

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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