

Converting Colors

CIELCh(44, 25.054, 310.403)

Have a look what the booklet for
CIELCh(44, 25.054, 310.403)
contains.

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Color

CIELCh(44, 25.217, 310.444)

Conversions

Conversions Part 1

Format	Color
Hex	746088
RGB	116, 96, 136
RGB Percent	45%, 38%, 53%
CMY	0.5454, 0.6238, 0.4669
CMYK	0.15, 0.29, 0.00, 0.47
HSL	270°, 17%, 45%
HSV	270°, 29%, 53%
XYZ	15.8098, 13.8382, 25.1050
YIQ	106.5400, -0.9200, 16.6800

Conversions

Conversions Part 2

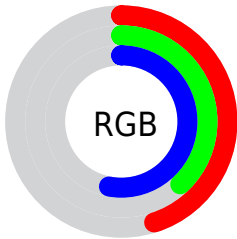
Format	Color
R_{YB}	116, 96, 136
Decimal	7626888
CIE _{Lab}	44.00, 16.36, -19.19
CIE _{LCh}	44, 25.217, 310.444
Yxy	13.8382, 0.2887, 0.2527
Android (android.graphics.Color)	4285816968 (0xFF746088)
YUV	106.5400, 14.5238, 8.2964
Hunter-Lab	37.1997, 10.7627, -13.9733

Details

The CIELCh color `44, 25.217, 310.444` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `54, 24.237, 127.750`, and the grayscale version is `45, 0.006, 296.813`.

A 20% lighter version of the original color is `64, 24.725, 310.108`, and `24, 25.542, 310.608` is the 20% darker color. If you saturate the color by 10%, you get `40, 34.131, 310.968`, and if you desaturate by 10%, it is `48, 16.441, 309.939`.

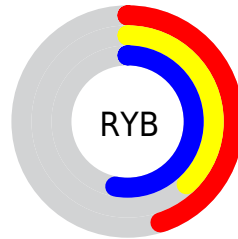
Distribution



Red (45%)

Green (38%)

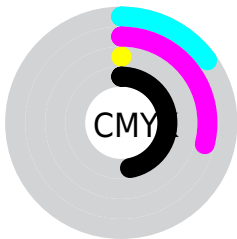
Blue (53%)



Red (45%)

Yellow (38%)

Blue (53%)

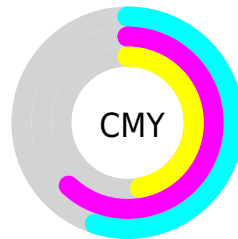


Cyan (15%)

Magenta (29%)

Yellow (0%)

Black (47%)



Cyan (55%)

Magenta (62%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 25.217, 310.444 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, 25.217, 310.444 by changing the saturation by 10% instead.


 44, 25.217,
310.444


 44, 25.217,
310.444


 100, 25.217,
310.444

 34, 25.217,
310.444


 64, 25.217,
310.444

 24, 25.217,
310.444

 74, 25.217,
310.444

 14, 25.217,
310.444

 84, 25.217,
310.444

 4, 25.217, 310.444

 94, 25.217,
310.444

 0, 25.217, 310.444

 44, 25.217,

 44, 25.217,

310.444

40, 34.131,
310.968

36, 43.072,
311.490

32, 51.840,
311.972

28, 60.118,
312.355

25, 67.447,
312.559

22, 73.259,
312.480

20, 77.704,
312.191

20, 77.973,
312.182

310.444

48, 16.441,
309.939

53, 7.869, 309.463

57, 0.468, 129.235

61, 8.561, 128.668

66, 16.408,
128.317

70, 24.017,
128.009

74, 31.395,
127.738

78, 38.555,
127.502

83, 45.508,

Harmonies

Complementary

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



44, 25.217, 310.444



54, 24.237, 127.750

Rectangle

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



44, 25.217, 310.444



44, 25.217, 0.444



44, 25.217, 130.444



44, 25.217, 180.444

Sweetspot

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



44, 25.216, 310.444



67, 9.278, 309.453



48, 13.354, 257.945



35, 6.509, 309.513



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, 25.216, 310.444



53, 37.285, 310.775



46, 28.039, 325.506



27, 4.761, 309.452



19, 76.565, 312.209



0, 2.184, 309.066

Inverse Universe

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



45, 20.119, 346.269



55, 29.587, 346.964



53, 28.015, 142.087



27, 3.833, 344.339



28, 52.278, 0.721



0, 1.760, 343.647

Previews

White Background



This preview shows how the CIELCh color 44, 25.217, 310.444 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, 25.217, 310.444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

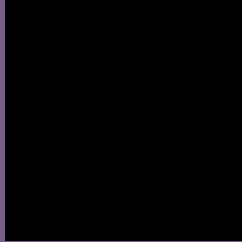
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 25.217, 310.444

Background



This preview shows how black text looks on a background with the CIELCh color 44, 25.217, 310.444.



This preview shows how white text looks on a background with the CIELCh color 44, 25.217, 310.444.

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, 25.217, 310.444

Protanopia

44, 22.898, 284.715

Deuteranopia

44, 19.803, 288.807



Tritanopia
44, 6.607, 333.792

Trichromacy



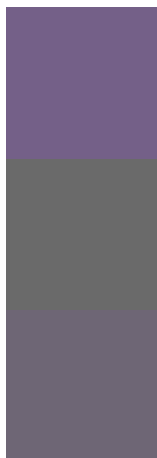
Original Color
44, 25.217, 310.444

Protanomaly
44, 23.432, 294.298

Deuteranomaly
44, 21.133, 298.025

Tritanomaly
44, 13.278, 316.402

Monochromacy



Original Color
44, 25.217, 310.444

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 9.574, 310.752

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 25.217, 310.444 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(116, 96, 136)` looks like.

```
.text, #text, p{  
    color:rgb(116, 96, 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(116, 96, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 96, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 25.217, 310.444 is called "border". The border property can be set on classes, ids or directly on the HTML element.

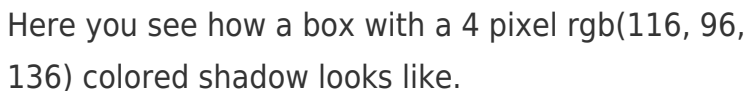
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 96, 136) }
```

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

```
.border{ border-color:rgb(116, 96, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 96, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 96, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 96, 136); box-shadow:4px 4px 4px 4px rgb(116, 96, 136) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 25.217, 310.444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 96, 136) }
```

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

```
.background{ background-color: rgb(116, 96,  
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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