

Converting Colors

CIELCh(44, 16.213, 295.987)

Have a look what the booklet for
CIELCh(44, 16.213, 295.987)
contains.

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Color

CIELCh(44, 16.276, 296.403)

Conversions

Conversions Part 1

Format	Color
Hex	686580
RGB	104, 101, 128
RGB Percent	41%, 40%, 50%
CMY	0.5917, 0.6035, 0.4976
CMYK	0.19, 0.21, 0.00, 0.50
HSL	247°, 12%, 45%
HSV	247°, 21%, 50%
XYZ	14.2883, 13.8382, 22.3774
YIQ	104.9750, -6.8790, 9.0330

Conversions

Conversions Part 2

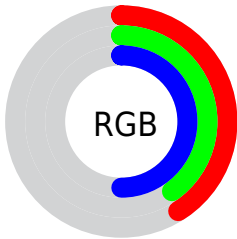
Format	Color
R_{YB}	104, 101, 128
Decimal	6841728
CIE Lab	44.00, 7.24, -14.58
CIE LCh	44, 16.276, 296.403
Yxy	13.8382, 0.2829, 0.2740
Android (android.graphics.Color)	4285031808 (0xFF686580)
YUV	104.9750, 11.3513, -0.8551
Hunter-Lab	37.1997, 3.4615, -9.6258

Details

The CIELCh color $44, 16.276, 296.403$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $53, 15.544, 112.924$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 16.257, 295.669$, and $24, 16.665, 296.316$ is the 20% darker color. If you saturate the color by 10%, you get $39, 24.469, 297.504$, and if you desaturate by 10%, it is $49, 8.393, 295.448$.

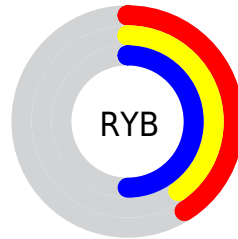
Distribution



Red (41%)

Green (40%)

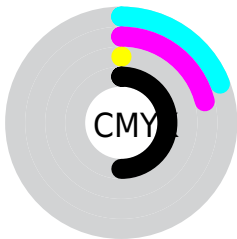
Blue (50%)



Red (41%)

Yellow (40%)

Blue (50%)

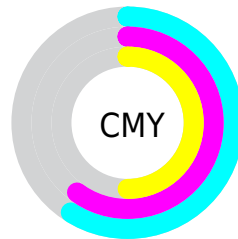


Cyan (19%)

Magenta (21%)

Yellow (0%)

Black (50%)



Cyan (59%)


Magenta (60%)

Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 16.276, 296.403 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, 16.276, 296.403 by changing the saturation by 10% instead.


 44, 16.276,
296.403


 44, 16.276,
296.403


 100, 16.276,
296.403

 34, 16.276,
296.403

 64, 16.276,
296.403


 24, 16.276,
296.403

 74, 16.276,
296.403

 14, 16.276,
296.403


 84, 16.276,
296.403

 4, 16.276, 296.403

 94, 16.276,
296.403

 0, 16.276, 296.403

 44, 16.276,

 44, 16.276,

296.403

■ 39, 24.469,
297.504

■ 35, 32.978,
298.765

■ 30, 41.773,
300.181

■ 26, 50.749,
301.723

■ 22, 59.644,
303.307

■ 18, 67.914,
304.779

■ 16, 74.654,
305.908

■ 14, 79.646,
306.814

296.403

■ 49, 8.393, 295.448

■ 53, 0.808, 294.643

■ 58, 6.499, 113.913

■ 62, 13.544,
113.305

■ 67, 20.347,
112.780

■ 71, 26.923,
112.327

■ 75, 33.287,
111.935

■ 80, 39.453,
111.595

■ 84, 45.432,

Harmonies

Complementary

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



44, 16.276, 296.403



53, 15.544, 112.924

Rectangle

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



44, 16.276, 296.403



44, 16.276, 346.403



44, 16.276, 116.403



44, 16.276, 166.403

Sweetspot

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



44, 16.275, 296.402



65, 5.562, 295.028



51, 9.218, 208.396



34, 3.722, 295.070



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, 16.275, 296.402



54, 24.038, 296.878



45, 17.367, 313.354



24, 4.238, 295.275



13, 79.370, 306.816



0, 0.000, 0.000

Inverse Universe

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



46, 17.835, 328.787



57, 26.120, 329.047



52, 17.000, 131.594



25, 4.727, 328.092



29, 63.531, 333.043



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 16.276, 296.403 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 CIE LCh color 44, 16.276, 296.403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

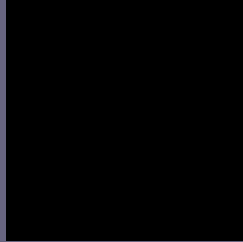
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 16.276, 296.403

Background



This preview shows how black text looks on a background with the CIELCh color 44, 16.276, 296.403.



This preview shows how white text looks on a background with the CIELCh color 44, 16.276, 296.403.

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, 16.276, 296.403

Protanopia

44, 15.644, 285.633

Deuteranopia

44, 15.599, 292.371



Tritanopia
44, 4.918, 276.869

Trichromacy



Original Color
44, 16.276, 296.403

Protanomaly
44, 16.201, 289.851

Deuteranomaly
44, 15.609, 293.736

Tritanomaly
44, 8.997, 288.988

Monochromacy



Original Color
44, 16.276, 296.403

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 5.412, 295.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 16.276, 296.403 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(104, 101, 128)` looks like.

```
.text, #text, p{  
    color:rgb(104, 101, 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(104, 101, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 101, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 16.276, 296.403 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(104, 101, 128) }
```

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

```
.border{ border-color:rgb(104, 101, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 101, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 101, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 101, 128);  
box-shadow:4px 4px 4px 4px rgb(104, 101,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 16.276, 296.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 101, 128) }
```

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

```
.background{ background-color: rgb(104,  
101, 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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