

Converting Colors

CIELCh(44, 26.422, 293.817)

Have a look what the booklet for
CIELCh(44, 26.422, 293.817)
contains.

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Color

CIELCh(44, 26.400, 293.823)

Conversions

Conversions Part 1

Format	Color
Hex	646490
RGB	100, 100, 144
RGB Percent	39%, 39%, 56%
CMY	0.6078, 0.6078, 0.4353
CMYK	0.31, 0.31, 0.00, 0.44
HSL	240°, 18%, 48%
HSV	240°, 31%, 56%
XYZ	14.8477, 13.8382, 28.2756
YIQ	105.0160, -14.1240, 13.6840

Conversions

Conversions Part 2

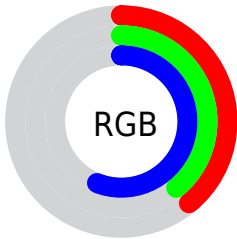
Format	Color
R _Y B	100, 100, 144
Decimal	6579344
CIE Lab	44.00, 10.66, -24.15
CIE LCh	44, 26.400, 293.823
Yxy	13.8382, 0.2607, 0.2429
Android (android.graphics.Color)	4284769424 (0xFF646490)
YUV	105.0160, 19.2191, -4.3990
Hunter-Lab	37.1997, 6.1461, -19.0266

Details

The CIELCh color $44, 26.400, 293.823$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $59, 24.565, 107.311$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 26.257, 293.662$, and $24, 25.816, 293.124$ is the 20% darker color. If you saturate the color by 10%, you get $39, 35.779, 295.444$, and if you desaturate by 10%, it is $49, 17.399, 292.431$.

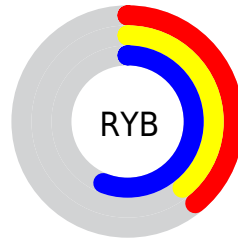
Distribution



Red (39%)

Green (39%)

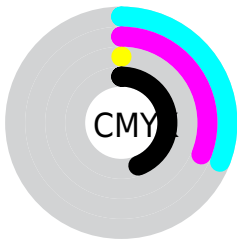
Blue (56%)



Red (39%)

Yellow (39%)

Blue (56%)

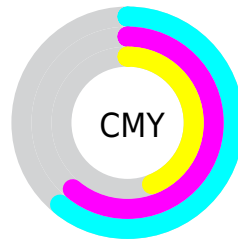


Cyan (31%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (61%)

Magenta (61%)

Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 26.400, 293.823 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, 26.400, 293.823 by changing the saturation by 10% instead.

 44, 26.400,
293.823

 44, 26.400,
293.823


 100, 26.400,
293.823

 34, 26.400,
293.823

 64, 26.400,
293.823

 24, 26.400,
293.823

 74, 26.400,
293.823

 14, 26.400,
293.823

 84, 26.400,
293.823

 4, 26.400, 293.823

 94, 26.400,
293.823

 0, 26.400, 293.823

 44, 26.400,

 44, 26.400,

293.823

39, 35.779,
295.444

34, 45.528,
297.300

29, 55.550,
299.360

24, 65.550,
301.517

20, 74.844,
303.557

17, 82.247,
305.174

16, 87.431,
306.287

293.823

49, 17.399,
292.431

54, 8.760, 291.246

60, 0.458, 290.339

65, 7.533, 109.361

70, 15.236,
108.628

75, 22.671,
107.998

80, 29.856,
107.454

85, 36.807,
106.984

89, 43.540,

Harmonies

Complementary

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



44, 26.400, 293.823



59, 24.565, 107.311

Rectangle

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



44, 26.400, 293.823



44, 26.400, 343.823



44, 26.400, 113.823



44, 26.400, 163.823

Sweetspot

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



44, 26.399, 293.823



70, 9.187, 291.099



57, 15.655, 197.940



36, 6.450, 291.241



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



44, 26.399, 293.823



52, 40.014, 294.967



46, 27.492, 310.511



27, 4.642, 291.097



14, 83.489, 306.287



0, 3.085, 290.178

Inverse Universe

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



48, 30.647, 326.047



59, 45.532, 326.409



57, 26.375, 127.689



28, 5.608, 324.907



32, 72.103, 328.233



1, 3.767, 324.439

Previews

White Background



This preview shows how the CIE LCh color 44, 26.400, 293.823 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, 26.400, 293.823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

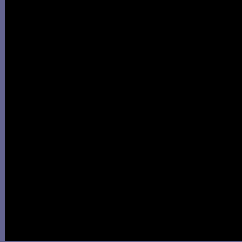
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 26.400, 293.823

Background



This preview shows how black text looks on a background with the CIELCh color 44, 26.400, 293.823.



This preview shows how white text looks on a background with the CIELCh color 44, 26.400, 293.823.

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

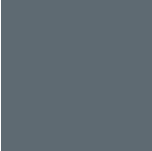
44, 26.400, 293.823

Protanopia

44, 26.490, 285.883

Deuteranopia

44, 24.151, 283.830



Tritanopia
44, 6.583, 245.931

Trichromacy



Original Color
44, 26.400, 293.823

Protanomaly
44, 26.420, 288.713

Deuteranomaly
44, 24.633, 287.232

Tritanomaly
44, 12.846, 278.570

Monochromacy



Original Color
44, 26.400, 293.823

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 9.594, 291.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 26.400, 293.823 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(100, 100, 144)` looks like.

```
.text, #text, p{  
    color:rgb(100, 100, 144)  
}
```

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(100, 100, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 100, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 26.400, 293.823 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(100, 100, 144) }
```

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

```
.border{ border-color:rgb(100, 100, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 100, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 100, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 100, 144);  
box-shadow:4px 4px 4px 4px rgb(100, 100,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 26.400, 293.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 100, 144) }
```

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

```
.background{ background-color: rgb(100,  
100, 144) }
```

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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