

Converting Colors

CIELCh(44, 28.297, 301.170)

Have a look what the booklet for
CIELCh(44, 28.297, 301.170)
contains.

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Color

CIELCh(44, 27.900, 301.169)

Conversions

Conversions Part 1

Format	Color
Hex	6C6290
RGB	108, 98, 144
RGB Percent	42%, 38%, 56%
CMY	0.5779, 0.6170, 0.4368
CMYK	0.25, 0.32, 0.00, 0.44
HSL	253°, 19%, 47%
HSV	253°, 32%, 56%
XYZ	15.4813, 13.8382, 28.0910
YIQ	106.2340, -8.8060, 16.4260

Conversions

Conversions Part 2

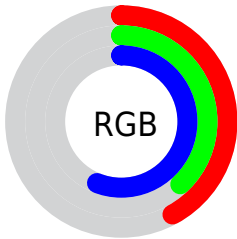
Format	Color
R_{YB}	108, 98, 144
Decimal	7103120
CIE _{Lab}	44.00, 14.44, -23.87
CIE _{LCh}	44, 27.900, 301.169
Yxy	13.8382, 0.2697, 0.2410
Android (android.graphics.Color)	4285293200 (0xFF6C6290)
YUV	106.2340, 18.6186, 1.5488
Hunter-Lab	37.1997, 9.1860, -18.7325

Details

The CIELCh color $44, 27.900, 301.169$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $58, 26.043, 116.589$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 27.704, 300.809$, and $24, 27.313, 300.759$ is the 20% darker color. If you saturate the color by 10%, you get $39, 37.265, 302.181$, and if you desaturate by 10%, it is $49, 18.835, 300.266$.

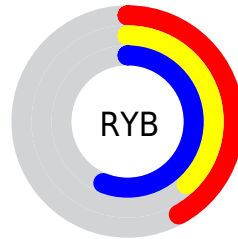
Distribution



Red (42%)

Green (38%)

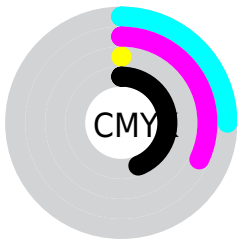
Blue (56%)



Red (42%)

Yellow (38%)

Blue (56%)

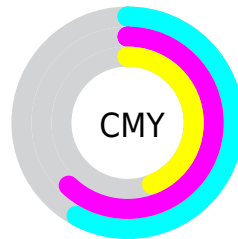


Cyan (25%)

Magenta (32%)

Yellow (0%)

Black (44%)



Cyan (58%)

Magenta (62%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 27.900, 301.169 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, 27.900, 301.169 by changing the saturation by 10% instead.

 44, 27.900,
301.169


 44, 27.900,
301.169

 100, 27.900,
301.169

 34, 27.900,
301.169

 64, 27.900,
301.169


 24, 27.900,
301.169

 74, 27.900,
301.169

 14, 27.900,
301.169

 84, 27.900,
301.169

 4, 27.900, 301.169

 94, 27.900,
301.169

 0, 27.900, 301.169

 44, 27.900,

 44, 27.900,

301.169

■ 39, 37.265,
302.181

■ 34, 46.868,
303.289

■ 30, 56.549,
304.454

■ 26, 65.969,
305.594

■ 22, 74.506,
306.567

■ 19, 81.234,
307.180

■ 17, 85.578,
307.558

301.169

■ 49, 18.835,
300.266

■ 54, 10.091,
299.473

■ 59, 1.663, 298.775

■ 64, 6.463, 118.186

■ 68, 14.303,
117.667

■ 73, 21.875,
117.220

■ 78, 29.196,
116.834

■ 83, 36.281,
116.501

■ 87, 43.145,
116.214

Harmonies

Complementary

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



44, 27.900, 301.169



58, 26.043, 116.589

Rectangle

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



44, 27.900, 301.169



44, 27.900, 351.169



44, 27.900, 121.169



44, 27.900, 171.169

Sweetspot

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



44, 27.899, 301.169



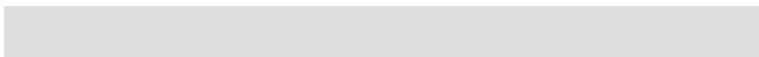
70, 10.351, 299.341



54, 13.752, 223.188



36, 7.133, 299.433



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, 27.899, 301.169



53, 41.422, 301.843



46, 29.933, 317.591



28, 4.699, 299.267



16, 81.827, 307.600



0, 3.125, 298.654

Inverse Universe

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



47, 27.609, 333.177



58, 40.328, 333.647



56, 29.293, 134.745



28, 4.822, 331.668



30, 61.211, 338.880



1, 3.236, 331.135

Previews

White Background



This preview shows how the CIELCh color 44, 27.900, 301.169 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, 27.900, 301.169 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, 27.900, 301.169

Background



This preview shows how black text looks on a background with the CIELCh color 44, 27.900, 301.169.



This preview shows how white text looks on a background with the CIELCh color 44, 27.900, 301.169.

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, 27.900, 301.169

Protanopia

44, 26.523, 284.478

Deuteranopia

44, 24.109, 284.594



Tritanopia
44, 4.845, 281.426

Trichromacy



Original Color
44, 27.900, 301.169

Protanomaly
44, 26.976, 290.313

Deuteranomaly
44, 25.175, 291.311

Tritanomaly
44, 13.238, 295.331

Monochromacy



Original Color
44, 27.900, 301.169

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 10.329, 300.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 27.900, 301.169 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(108, 98, 144)` looks like.

```
.text, #text, p{  
    color:rgb(108, 98, 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(108, 98, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 98, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 27.900, 301.169 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(108, 98, 144) }
```

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

```
.border{ border-color:rgb(108, 98, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 98, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 98, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 98, 144);  
box-shadow:4px 4px 4px 4px rgb(108, 98,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 27.900, 301.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 98, 144) }
```

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

```
.background{ background-color: rgb(108, 98,  
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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