

Converting Colors

CIELCh(44, 29.543, 294.218)

Have a look what the booklet for
CIELCh(44, 29.543, 294.218)
contains.

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Color

CIELCh(44, 30.007, 294.300)

Conversions

Conversions Part 1

Format	Color
Hex	636395
RGB	99, 99, 149
RGB Percent	39%, 39%, 58%
CMY	0.6104, 0.6105, 0.4143
CMYK	0.33, 0.33, 0.00, 0.41
HSL	240°, 20%, 49%
HSV	240°, 33%, 59%
XYZ	15.1282, 13.8382, 30.4552
YIQ	104.7000, -16.0500, 15.5500

Conversions

Conversions Part 2

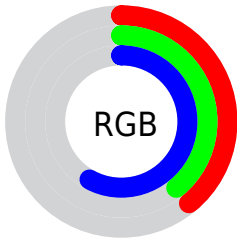
Format	Color
R_{YB}	99, 99, 149
Decimal	6513557
CIE _{Lab}	44.00, 12.35, -27.35
CIE _{LCh}	44, 30.007, 294.300
Yxy	13.8382, 0.2546, 0.2329
Android (android.graphics.Color)	4284703637 (0xFF636395)
YUV	104.7000, 21.8399, -4.9989
Hunter-Lab	37.1997, 7.4919, -22.5005

Details

The CIELCh color $44, 30.007, 294.300$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $61, 27.683, 107.040$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 29.620, 293.910$, and $24, 29.771, 294.254$ is the 20% darker color. If you saturate the color by 10%, you get $39, 39.790, 295.998$, and if you desaturate by 10%, it is $49, 20.616, 292.837$.

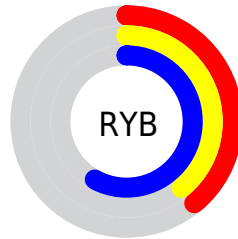
Distribution



Red (39%)

Green (39%)

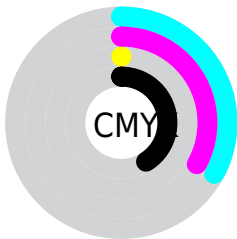
Blue (58%)



Red (39%)

Yellow (39%)

Blue (58%)

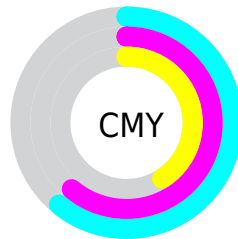


Cyan (33%)

Magenta (33%)

Yellow (0%)

Black (41%)



Cyan (61%)

Magenta (61%)

Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 30.007, 294.300 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, 30.007, 294.300 by changing the saturation by 10% instead.


 44, 30.007,
294.300

 44, 30.007,
294.300


 100, 30.007,
294.300


 34, 30.007,
294.300

 64, 30.007,
294.300

 24, 30.007,
294.300

 74, 30.007,
294.300

 14, 30.007,
294.300

 84, 30.007,
294.300

 4, 30.007, 294.300

 94, 30.007,
294.300

 0, 30.007, 294.300

 44, 30.007,

 44, 30.007,

294.300

■ 39, 39.790,
295.998

■ 34, 49.938,
297.929

■ 29, 60.303,
300.040

■ 24, 70.476,
302.194

■ 20, 79.582,
304.140

■ 18, 86.276,
305.556

■ 16, 89.789,
306.288

294.300

■ 49, 20.616,
292.837

■ 55, 11.607,
291.589

■ 60, 2.954, 290.539

■ 65, 5.371, 109.606

■ 70, 13.391,
108.840

■ 76, 21.128,
108.180

■ 81, 28.602,
107.611

■ 86, 35.830,
107.120

■ 91, 42.827,
106.694

Harmonies

Complementary

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



44, 30.007, 294.300



61, 27.683, 107.040

Rectangle

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



44, 30.007, 294.300



44, 30.007, 344.300



44, 30.007, 114.300



44, 30.007, 164.300

Sweetspot

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



44, 30.006, 294.300



72, 10.569, 291.221



58, 17.473, 197.812



37, 7.207, 291.360



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



44, 30.006, 294.300



52, 44.997, 295.517



46, 31.153, 310.671



28, 4.780, 291.113



15, 84.627, 306.288



0, 4.113, 290.188

Inverse Universe

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



49, 34.551, 326.209



60, 50.679, 326.569



59, 29.752, 127.545



29, 5.774, 324.917



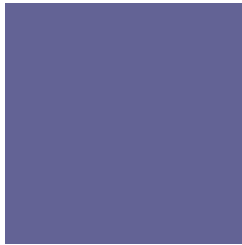
32, 73.073, 328.243



1, 5.022, 324.446

Previews

White Background



This preview shows how the CIE LCh color 44, 30.007, 294.300 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, 30.007, 294.300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

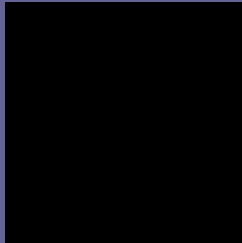
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 30.007, 294.300

Background



This preview shows how black text looks on a background with the CIELCh color 44, 30.007, 294.300.



This preview shows how white text looks on a background with the CIELCh color 44, 30.007, 294.300.

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

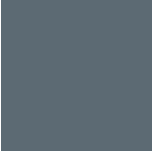
44, 30.007, 294.300

Protanopia

44, 30.102, 285.723

Deuteranopia

44, 27.814, 283.218



Tritanopia
44, 7.499, 245.160

Trichromacy



Original Color
44, 30.007, 294.300

Protanomaly
44, 30.003, 288.690

Deuteranomaly
44, 28.248, 286.710

Tritanomaly
44, 14.075, 278.525

Monochromacy



Original Color
44, 30.007, 294.300

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 10.791, 291.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 30.007, 294.300 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(99, 99, 149)` looks like.

```
.text, #text, p{  
    color:rgb(99, 99, 149)  
}
```

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(99, 99, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 99, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 30.007, 294.300 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(99, 99, 149) }
```

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

```
.border{ border-color:rgb(99, 99, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 99, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 99, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 99, 149);  
box-shadow:4px 4px 4px 4px rgb(99, 99,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 30.007, 294.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 99, 149) }
```

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

```
.background{ background-color: rgb(99, 99,  
149) }
```

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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