

Converting Colors

CIELCh(44, 51.192, 296.183)

Have a look what the booklet for
CIELCh(44, 51.192, 296.183)
contains.

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Color

CIELCh(44, 51.357, 296.281)

Conversions

Conversions Part 1

Format	Color
Hex	5D5FB5
RGB	93, 95, 181
RGB Percent	36%, 37%, 71%
CMY	0.6354, 0.6276, 0.2903
CMYK	0.49, 0.48, 0.00, 0.29
HSL	239°, 37%, 54%
HSV	239°, 49%, 71%
XYZ	16.9362, 13.8382, 45.4742
YIQ	104.2060, -28.7980, 26.3220

Conversions

Conversions Part 2

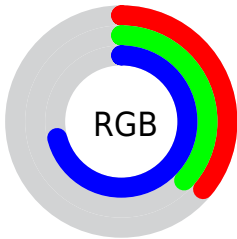
Format	Color
R _Y B	93, 95, 181
Decimal	6119349
CIE Lab	44.00, 22.74, -46.05
CIE LCh	44, 51.357, 296.281
Yxy	13.8382, 0.2221, 0.1815
Android (android.graphics.Color)	4284309429 (0xFF5D5FB5)
YUV	104.2060, 37.8594, -9.8277
Hunter-Lab	37.1997, 16.1676, -46.4382

Details

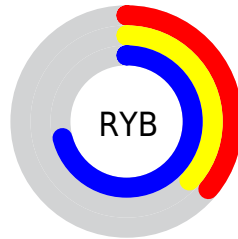
The CIELCh color `44, 51.357, 296.281` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `71, 45.248, 104.570`, and the grayscale version is `44, 0.006, 296.813`.

A 20% lighter version of the original color is `64, 51.351, 296.347`, and `24, 51.138, 296.226` is the 20% darker color. If you saturate the color by 10%, you get `38, 63.132, 298.405`, and if you desaturate by 10%, it is `50, 39.953, 294.388`.

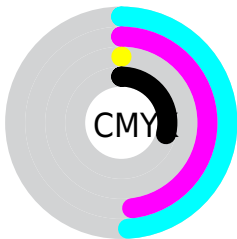
Distribution



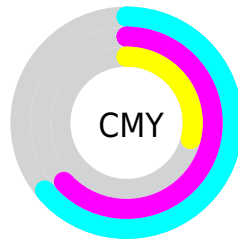
- Red (36%)
- Green (37%)
- Blue (71%)



- Red (36%)
- Yellow (37%)
- Blue (71%)



- Cyan (49%)
- Magenta (48%)
- Yellow (0%)
- Black (29%)




- Cyan (64%)
- Magenta (63%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 51.357, 296.281 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, 51.357, 296.281 by changing the saturation by 10% instead.


 44, 51.357,
296.281


 44, 51.357,
296.281


 100, 51.357,
296.281


 34, 51.357,
296.281

 64, 51.357,
296.281


 24, 51.357,
296.281

 74, 51.357,
296.281

 14, 51.357,
296.281

 84, 51.357,
296.281

 4, 51.357, 296.281

 94, 51.357,
296.281

 0, 51.357, 296.281

 44, 51.357,

 44, 51.357,

296.281

■ 38, 63.132,
298.405

■ 33, 75.003,
300.669

■ 28, 86.281,
302.875

■ 24, 95.669,
304.720

■ 22, 101.708,
305.885

■ 22, 102.385,
306.007

296.281

■ 50, 39.953,
294.388

■ 56, 28.998,
292.747

■ 62, 18.489,
291.344

■ 68, 8.400, 290.154

■ 74, 1.302, 109.079

■ 81, 10.645,
108.260

■ 87, 19.656,
107.524

■ 92, 28.357,
106.890

 98, 36.767,
106.845

Harmonies

Complementary

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



44, 51.357, 296.281



71, 45.248, 104.570

Rectangle

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



44, 51.357, 296.281



44, 51.357, 346.281



44, 51.357, 116.281



44, 51.357, 166.281

Sweetspot

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



44, 51.356, 296.282



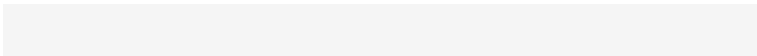
82, 18.265, 290.920



68, 27.919, 193.838



42, 12.502, 291.178



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



44, 51.356, 296.282



50, 77.176, 298.481



47, 53.393, 310.478



35, 5.460, 290.229



17, 90.252, 305.943



1, 13.082, 289.474

Inverse Universe

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



50, 38.840, 23.117



59, 58.589, 25.492



69, 49.433, 125.630



35, 3.910, 18.070



31, 70.082, 38.615



2, 9.162, 17.943

Previews

White Background



This preview shows how the CIELCh color 44, 51.357, 296.281 looks on a white background.

Color Contrast Check

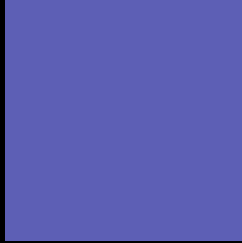
Large Text (above 18pt) WCAG AA ✓ Pass

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, 51.357, 296.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

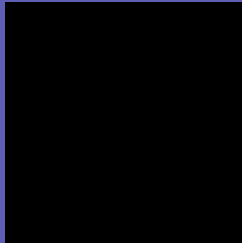
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 44, 51.357, 296.281

Background



This preview shows how black text looks on a background with the CIELCh color 44, 51.357, 296.281.



This preview shows how white text looks on a background with the CIELCh color 44, 51.357, 296.281.

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





Tritanopia
44, 13.600, 218.856

Trichromacy



Original Color
44, 51.357, 296.281

Protanomaly
44, 51.441, 289.574

Deuteranomaly
44, 47.635, 285.026

Tritanomaly
44, 22.630, 272.643

Monochromacy



Original Color
44, 51.357, 296.281

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 18.614, 291.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 51.357, 296.281 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(93, 95, 181)` looks like.

```
.text, #text, p{  
    color:rgb(93, 95, 181)  
}
```

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(93, 95, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 95, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 51.357, 296.281 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(93, 95, 181) }
```

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

```
.border{ border-color:rgb(93, 95, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 95, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 95, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 95, 181);  
box-shadow:4px 4px 4px 4px rgb(93, 95,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 51.357, 296.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 95, 181) }
```

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

```
.background{ background-color: rgb(93, 95,  
181) }
```

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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