

Converting Colors

CIELCh(43, 52.965, 302.692)

Have a look what the booklet for
CIELCh(43, 52.965, 302.692)
contains.

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Color

CIELCh(43, 53.087, 302.797)

Conversions

Conversions Part 1

Format	Color
Hex	6A58B0
RGB	106, 88, 176
RGB Percent	42%, 35%, 69%
CMY	0.5846, 0.6552, 0.3101
CMYK	0.40, 0.50, 0.00, 0.31
HSL	252°, 36%, 52%
HSV	252°, 50%, 69%
XYZ	17.2461, 13.1578, 42.6616
YIQ	103.4140, -17.5200, 31.1840

Conversions

Conversions Part 2

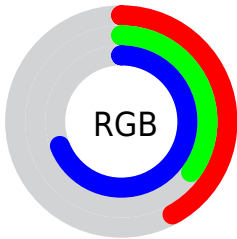
Format	Color
R _{YB}	106, 88, 176
Decimal	6969520
CIE Lab	43.00, 28.76, -44.62
CIE LCh	43, 53.087, 302.797
Yxy	13.1578, 0.2360, 0.1801
Android (android.graphics.Color)	4285159600 (0xFF6A58B0)
YUV	103.4140, 35.7849, 2.2679
Hunter-Lab	36.2736, 21.3878, -44.3398

Details

The CIELCh color `43, 53.087, 302.797` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `69, 46.972, 114.903`, and the grayscale version is `44, 0.006, 296.813`.

A 20% lighter version of the original color is `63, 53.179, 303.025`, and `23, 53.186, 302.698` is the 20% darker color. If you saturate the color by 10%, you get `38, 64.541, 304.023`, and if you desaturate by 10%, it is `49, 41.770, 301.644`.

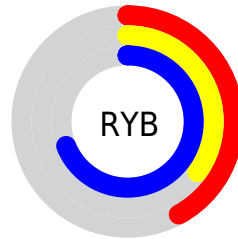
Distribution



Red (42%)

Green (35%)

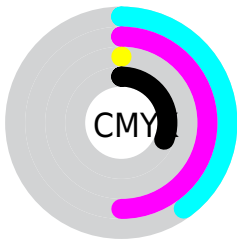
Blue (69%)



Red (42%)

Yellow (35%)

Blue (69%)

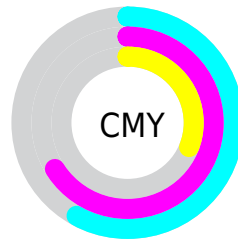


Cyan (40%)

Magenta (50%)

Yellow (0%)

Black (31%)



Cyan (58%)


Magenta (66%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 53.087, 302.797 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 43, 53.087, 302.797 by changing the saturation by 10% instead.


 43, 53.087,
302.797


 43, 53.087,
302.797


 100, 53.087,
302.797


 33, 53.087,
302.797

 63, 53.087,
302.797


 23, 53.087,
302.797

 73, 53.087,
302.797

 13, 53.087,
302.797

 83, 53.087,
302.797

 3, 53.087, 302.797

 93, 53.087,
302.797

 0, 53.087, 302.797

 43, 53.087,

 43, 53.087,

302.797

■ 38, 64.541,
304.023

■ 32, 75.751,
305.240

■ 28, 85.988,
306.301

■ 24, 94.127,
307.001

■ 22, 99.675,
307.321

302.797

■ 49, 41.770,
301.644

■ 54, 30.764,
300.600

■ 60, 20.133,
299.675

■ 66, 9.890, 298.867

■ 72, 0.026, 297.707

■ 78, 9.478, 117.565

■ 83, 18.642,
117.043

■ 89, 27.489,
116.595

■ 94, 36.039,

Harmonies

Complementary

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



43, 53.087, 302.797



69, 46.972, 114.903

Rectangle

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



43, 53.087, 302.797



43, 53.087, 352.797



43, 53.087, 122.797



43, 53.087, 172.797

Sweetspot

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



43, 53.086, 302.797



80, 18.561, 299.277



61, 23.527, 222.830



41, 12.699, 299.446



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



43, 53.086, 302.797



49, 80.176, 304.151



48, 54.957, 317.794



34, 5.517, 298.813



18, 88.718, 307.409



1, 11.439, 296.709

Inverse Universe

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



50, 50.234, 333.998



60, 72.499, 334.820



66, 53.032, 133.223



34, 5.718, 331.228



34, 66.697, 338.234



2, 11.388, 333.411

Previews

White Background



This preview shows how the CIELCh color 43, 53.087, 302.797 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 43, 53.087, 302.797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

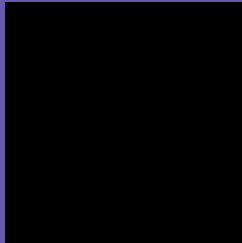
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 53.087, 302.797

Background



This preview shows how black text looks on a background with the CIELCh color 43, 53.087, 302.797.

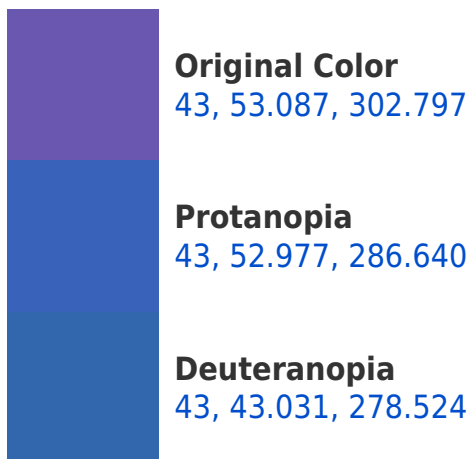


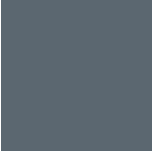
This preview shows how white text looks on a background with the CIELCh color 43, 53.087, 302.797.

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
43, 7.035, 249.629

Trichromacy



Original Color
43, 53.087, 302.797

Protanomaly
43, 52.776, 291.660

Deuteranomaly
43, 45.831, 287.099

Tritanomaly
43, 22.309, 291.534

Monochromacy



Original Color
43, 53.087, 302.797

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 19.457, 299.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 53.087, 302.797 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(106, 88, 176)` looks like.

```
.text, #text, p{  
    color:rgb(106, 88, 176)  
}
```

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(106, 88, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 88, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 53.087, 302.797 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(106, 88, 176) }
```

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

```
.border{ border-color:rgb(106, 88, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 88, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 88, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 88, 176);  
box-shadow:4px 4px 4px 4px rgb(106, 88,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 53.087, 302.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 88, 176) }
```

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

```
.background{ background-color: rgb(106, 88,  
176) }
```

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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