

Converting Colors

CIELCh(53, 66.038, 296.097)

Have a look what the booklet for
CIELCh(53, 66.038, 296.097)
contains.

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Color

CIELCh(53, 65.604, 296.011)

Conversions

Conversions Part 1

Format	Color
Hex	6C73E5
RGB	108, 115, 229
RGB Percent	42%, 45%, 90%
CMY	0.5772, 0.5497, 0.1027
CMYK	0.53, 0.50, 0.00, 0.10
HSL	237°, 70%, 66%
HSV	237°, 53%, 90%
XYZ	26.3886, 21.0462, 76.6615
YIQ	125.9030, -40.7660, 33.9700

Conversions

Conversions Part 2

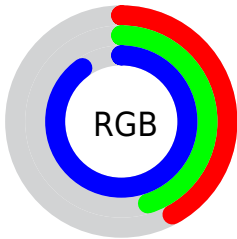
Format	Color
RYB	108, 115, 229
Decimal	7107557
CIELab	53.00, 28.77, -58.96
CIElCh	53, 65.604, 296.011
Yxy	21.0462, 0.2126, 0.1696
Android (android.graphics.Color)	4285297637 (0xFF6C73E5)
YUV	125.9030, 50.8268, -15.7009
Hunter-Lab	45.8761, 22.3926, -66.9635

Details

The CIELCh color **53, 65.604, 296.011** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **87, 57.295, 102.376**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 48.002, 294.659**, and **33, 65.956, 296.069** is the 20% darker color. If you saturate the color by 10%, you get **46, 79.475, 298.340**, and if you desaturate by 10%, it is **60, 52.118, 293.913**.

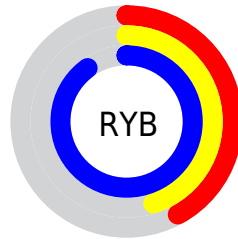
Distribution



Red (42%)

Green (45%)

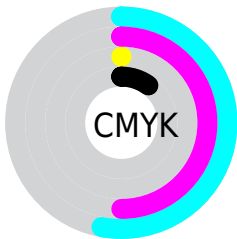
Blue (90%)



Red (42%)

Yellow (45%)

Blue (90%)

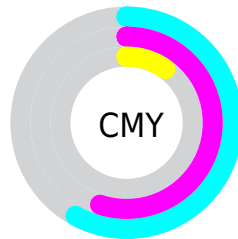


Cyan (53%)

Magenta (50%)

Yellow (0%)

Black (10%)



Cyan (58%)


Magenta (55%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 65.604, 296.011 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 53, 65.604, 296.011 by changing the saturation by 10% instead.


 53, 65.604,
296.011


 53, 65.604,
296.011


 100, 65.604,
296.011


 43, 65.604,
296.011


 73, 65.604,
296.011

 33, 65.604,
296.011

 83, 65.604,
296.011

 23, 65.604,
296.011

 93, 65.604,
296.011

 13, 65.604,
296.011

 3, 65.604, 296.011

 0, 65.604, 296.011

53, 65.604,
296.011

53, 65.604,
296.011

46, 79.475,
298.340

60, 52.118,
293.913

40, 93.310,
300.774

67, 39.147,
292.083

35, 106.122,
303.074

74, 26.699,
290.515

31, 116.238,
304.909

82, 14.745,
289.183

29, 120.864,
305.741

89, 3.247, 288.072

96, 7.832, 107.065

99, 13.253,
109.176

Harmonies

Complementary

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



53, 65.604, 296.011



87, 57.295, 102.376

Rectangle

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



53, 65.604, 296.011



53, 65.604, 346.011



53, 65.604, 116.011



53, 65.604, 166.011

Sweetspot

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



53, 65.604, 296.012



87, 20.116, 289.587



84, 36.377, 190.190



45, 13.635, 289.859



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 65.604, 296.012



51, 87.007, 298.459



56, 70.297, 309.765



44, 6.475, 288.776



22, 99.732, 305.561



3, 32.317, 295.642

Inverse Universe

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



60, 51.199, 21.643



62, 67.684, 24.496



85, 64.033, 124.196



45, 4.824, 15.237



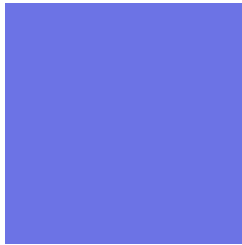
37, 77.548, 37.635



6, 26.924, 19.361

Previews

White Background



This preview shows how the CIE LCh color 53, 65.604, 296.011 looks on a white background.

Color Contrast Check

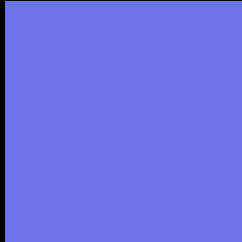
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 53, 65.604, 296.011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

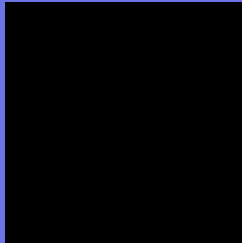
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 65.604, 296.011

Background



This preview shows how black text looks on a background with the CIELCh color 53, 65.604, 296.011.

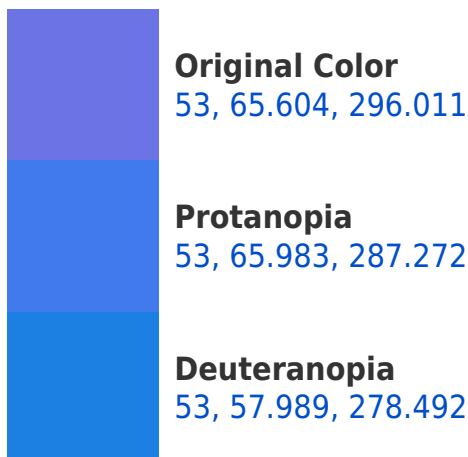


This preview shows how white text looks on a background with the CIELCh color 53, 65.604, 296.011.

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](#).

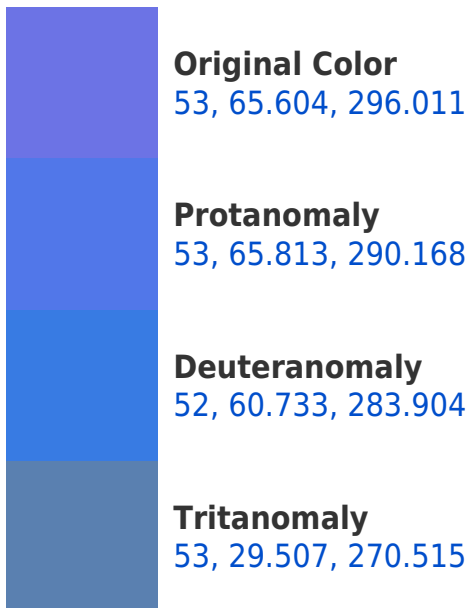
Dichromacy



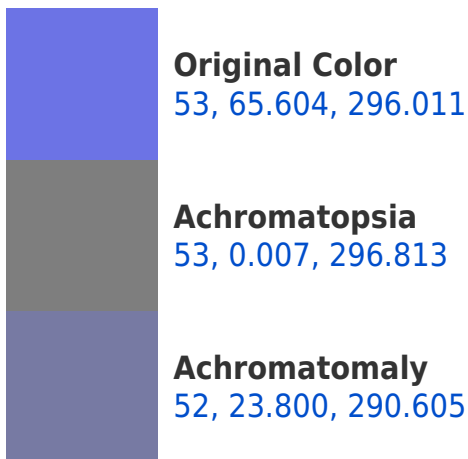


Tritanopia
53, 19.040, 217.471

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 65.604, 296.011 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, 115, 229)` looks like.

```
.text, #text, p{  
    color:rgb(108, 115, 229)  
}
```

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, 115, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 115, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 65.604, 296.011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

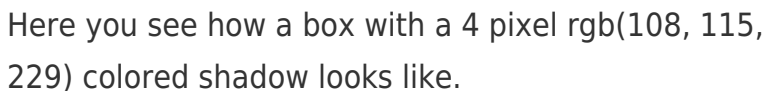
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 115, 229) }
```

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

```
.border{ border-color:rgb(108, 115, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 115, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 115, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 115, 229);  
box-shadow:4px 4px 4px 4px rgb(108, 115,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 65.604, 296.011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 115, 229) }
```

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

```
.background{ background-color: rgb(108,  
115, 229) }
```

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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