

Converting Colors

CIELCh(55, 61.326, 298.952)

Have a look what the booklet for
CIELCh(55, 61.326, 298.952)
contains.

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Color

CIELCh(55, 61.401, 298.985)

Conversions

Conversions Part 1

Format	Color
Hex	7E76E1
RGB	126, 118, 225
RGB Percent	49%, 46%, 88%
CMY	0.5047, 0.5362, 0.1165
CMYK	0.44, 0.48, 0.00, 0.12
HSL	245°, 64%, 67%
HSV	245°, 48%, 88%
XYZ	28.7889, 22.9298, 74.3578
YIQ	132.5900, -29.5790, 34.9730

Conversions

Conversions Part 2

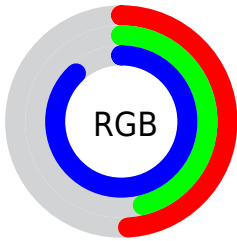
Format	Color
RYB	126, 118, 225
Decimal	8287969
CIELab	55.00, 29.75, -53.71
CIElCh	55, 61.401, 298.985
Yxy	22.9298, 0.2283, 0.1819
Android (android.graphics.Color)	4286478049 (0xFF7E76E1)
YUV	132.5900, 45.5581, -5.7794
Hunter-Lab	47.8851, 23.5165, -58.5481

Details

The CIELCh color **55, 61.401, 298.985** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **87, 54.022, 109.143**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 46.417, 299.336**, and **35, 61.137, 298.898** is the 20% darker color. If you saturate the color by 10%, you get **48, 75.671, 300.737**, and if you desaturate by 10%, it is **62, 47.503, 297.402**.

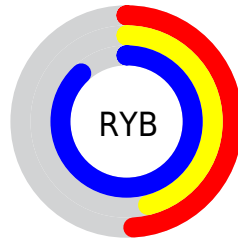
Distribution



Red (49%)

Green (46%)

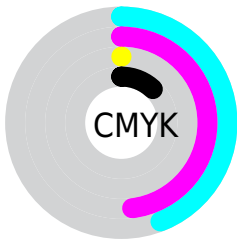
Blue (88%)



Red (49%)

Yellow (46%)

Blue (88%)

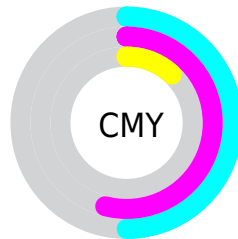


Cyan (44%)

Magenta (48%)

Yellow (0%)

Black (12%)



Cyan (50%)


Magenta (54%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 61.401, 298.985 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 55, 61.401, 298.985 by changing the saturation by 10% instead.


 55, 61.401,
298.985


 55, 61.401,
298.985


 100, 61.401,
298.985


 45, 61.401,
298.985


 75, 61.401,
298.985

 35, 61.401,
298.985

 85, 61.401,
298.985

 25, 61.401,
298.985

 95, 61.401,
298.985

 15, 61.401,
298.985

 5, 61.401, 298.985

 0, 61.401, 298.985

■ 55, 61.401,
298.985

■ 55, 61.401,
298.985

■ 48, 75.671,
300.737

■ 62, 47.503,
297.402

■ 41, 89.908,
302.568

■ 70, 34.119,
296.016

■ 36, 103.191,
304.294

■ 77, 21.272,
294.821

■ 31, 113.903,
305.634

■ 84, 8.944, 293.801

■ 29, 120.306,
306.331

■ 91, 2.897, 112.912

■ 28, 121.488,
306.474

■ 99, 14.287,
112.179

■ 99, 15.026,
109.042

Harmonies

Complementary

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



55, 61.401, 298.985



87, 54.022, 109.143

Rectangle

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



55, 61.401, 298.985



55, 61.401, 348.985



55, 61.401, 118.985



55, 61.401, 168.985

Sweetspot

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



55, 61.400, 298.986



89, 18.679, 294.454



82, 30.134, 204.686



46, 12.952, 294.685



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 61.400, 298.986



54, 82.911, 300.716



60, 62.897, 313.563



43, 6.768, 293.986



21, 100.909, 306.527



2, 31.749, 297.650

Inverse Universe

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



65, 63.886, 329.220



69, 82.573, 329.733



84, 59.348, 129.156



44, 7.747, 327.043



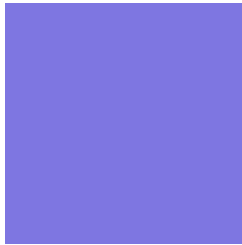
41, 82.504, 331.451



7, 34.162, 330.879

Previews

White Background



This preview shows how the CIELCh color 55, 61.401, 298.985 looks on a white background.

Color Contrast Check

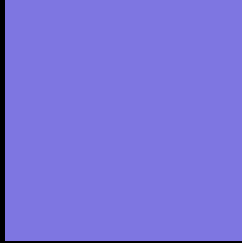
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 55, 61.401, 298.985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

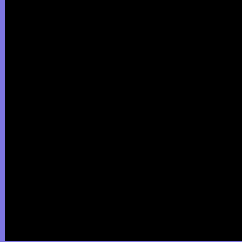
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 61.401, 298.985

Background



This preview shows how black text looks on a background with the CIELCh color 55, 61.401, 298.985.



This preview shows how white text looks on a background with the CIELCh color 55, 61.401, 298.985.

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
55, 61.401, 298.985

Protanopia
55, 61.518, 286.872

Deuteranopia
55, 52.180, 278.947



Tritanopia
55, 12.238, 229.822

Trichromacy



Original Color
55, 61.401, 298.985

Protanomaly
55, 61.344, 290.784

Deuteranomaly
55, 54.771, 286.087

Tritanomaly
55, 26.267, 281.002

Monochromacy



Original Color
55, 61.401, 298.985

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 22.488, 295.506

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 61.401, 298.985 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(126, 118, 225)` looks like.

```
.text, #text, p{  
    color:rgb(126, 118, 225)  
}
```

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(126, 118, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 118, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 61.401, 298.985 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(126, 118, 225) }
```

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

```
.border{ border-color:rgb(126, 118, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 118, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 118, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 118, 225); box-shadow:4px 4px 4px 4px rgb(126, 118, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 61.401, 298.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 118, 225) }
```

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

```
.background{ background-color: rgb(126,  
118, 225) }
```

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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