

Converting Colors

CIELCh(55, 65.698, 294.047)

Have a look what the booklet for
CIELCh(55, 65.698, 294.047)
contains.

CIELCh(55, 65.773, 294.187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(55, 65.773, 294.187)

Conversions

Conversions Part 1

Format	Color
Hex	6A79EC
RGB	106, 121, 236
RGB Percent	42%, 47%, 93%
CMY	0.5826, 0.5241, 0.0729
CMYK	0.55, 0.49, 0.00, 0.07
HSL	233°, 78%, 67%
HSV	233°, 55%, 93%
XYZ	28.0733, 22.9298, 82.6106
YIQ	129.6250, -45.8550, 32.5850

Conversions

Conversions Part 2

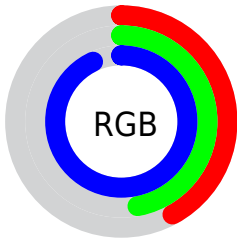
Format	Color
RYB	106, 119, 236
Decimal	6978028
CIELab	55.00, 26.95, -60.00
CIElCh	55, 65.773, 294.187
Yxy	22.9298, 0.2101, 0.1716
Android (android.graphics.Color)	4285168108 (0xFF6A79EC)
YUV	129.6250, 52.4429, -20.7191
Hunter-Lab	47.8851, 20.8491, -68.7666

Details

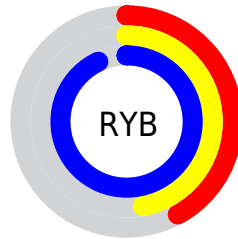
The CIELCh color **55, 65.773, 294.187** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **87, 58.096, 99.079**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 44.534, 291.225**, and **35, 65.508, 294.091** is the 20% darker color. If you saturate the color by 10%, you get **48, 79.188, 296.698**, and if you desaturate by 10%, it is **62, 52.763, 291.933**.

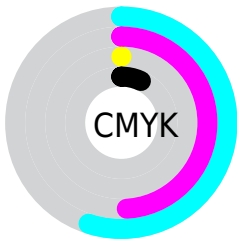
Distribution



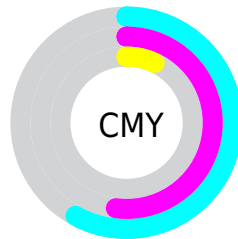
- Red (42%)
- Green (47%)
- Blue (93%)



- Red (42%)
- Yellow (47%)
- Blue (93%)



- Cyan (55%)
- Magenta (49%)
- Yellow (0%)
- Black (7%)





- Cyan (58%)
- Magenta (52%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 65.773, 294.187 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, 65.773, 294.187 by changing the saturation by 10% instead.


 55, 65.773,
294.187


 55, 65.773,
294.187


 100, 65.773,
294.187


 45, 65.773,
294.187


 75, 65.773,
294.187

 35, 65.773,
294.187

 85, 65.773,
294.187

 25, 65.773,
294.187

 95, 65.773,
294.187

 15, 65.773,
294.187

 5, 65.773, 294.187

 0, 65.773, 294.187

■ 55, 65.773,
294.187

■ 55, 65.773,
294.187

■ 48, 79.188,
296.698

■ 62, 52.763,
291.933

■ 42, 92.695,
299.351

■ 69, 40.243,
289.969

■ 37, 105.516,
301.926

■ 76, 28.204,
288.283

■ 33, 116.260,
304.114

■ 83, 16.613,
286.849

■ 32, 120.383,
304.939

■ 90, 5.434, 285.640

■ 97, 5.365, 104.547

■ 100, 9.413,
109.464

Harmonies

Complementary

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



55, 65.773, 294.187



87, 58.096, 99.079

Rectangle

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



55, 65.773, 294.187



55, 65.773, 344.187



55, 65.773, 114.187



55, 65.773, 164.187

Sweetspot

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



55, 65.773, 294.188



88, 18.904, 286.994



86, 39.582, 185.121



45, 12.809, 287.276



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, 65.773, 294.188



51, 85.711, 297.036



56, 74.985, 308.448



45, 6.203, 286.154



23, 97.578, 304.649



4, 32.893, 295.529

Inverse Universe

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



61, 54.104, 17.973



61, 69.566, 21.322



88, 67.257, 122.183



46, 4.951, 10.695



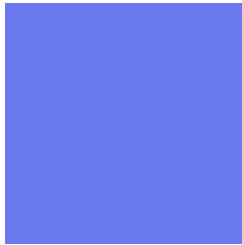
38, 75.930, 34.985



7, 28.108, 18.013

Previews

White Background



This preview shows how the CIELCh color 55, 65.773, 294.187 looks on a white background.

Color Contrast Check

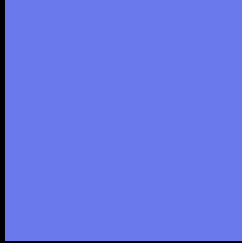
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.773, 294.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

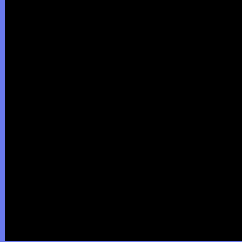
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 65.773, 294.187

Background



This preview shows how black text looks on a background with the CIELCh color 55, 65.773, 294.187.

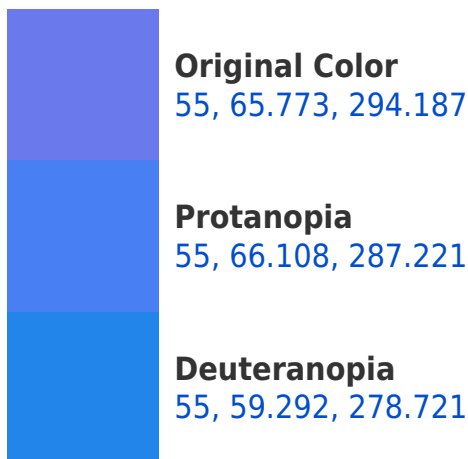


This preview shows how white text looks on a background with the CIELCh color 55, 65.773, 294.187.

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
55, 21.571, 216.418

Trichromacy



Original Color
55, 65.773, 294.187

Protanomaly
55, 65.928, 289.537

Deuteranomaly
55, 61.469, 283.439

Tritanomaly
55, 30.669, 266.627

Monochromacy



Original Color
55, 65.773, 294.187

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 24.249, 288.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 65.773, 294.187 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, 121, 236)` looks like.

```
.text, #text, p{  
    color:rgb(106, 121, 236)  
}
```

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, 121, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 121, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 65.773, 294.187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

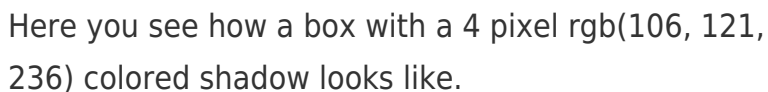
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 121, 236) }
```

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

```
.border{ border-color:rgb(106, 121, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 121, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 121, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 121, 236); box-shadow:4px 4px 4px 4px rgb(106, 121, 236) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 65.773, 294.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 121, 236) }
```

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

```
.background{ background-color: rgb(106,  
121, 236) }
```

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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