

Converting Colors

CIELCh(55, 60.977, 277.970)

Have a look what the booklet for
CIELCh(55, 60.977, 277.970)
contains.

CIELCh(55, 61.197, 278.207)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(55, 61.197, 278.207)

Conversions

Conversions Part 1

Format	Color
Hex	0185ED
RGB	1, 133, 237
RGB Percent	0%, 52%, 93%
CMY	0.9970, 0.4780, 0.0701
CMYK	1.00, 0.44, 0.00, 0.07
HSL	206°, 99%, 47%
HSV	206°, 100%, 93%
XYZ	23.7143, 22.9298, 83.3892
YIQ	105.3880, -112.0560, 4.3600

Conversions

Conversions Part 2

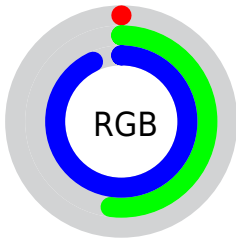
Format	Color
R_{YB}	1, 86, 237
Decimal	99821
CIE _{Lab}	55.00, 8.74, -60.57
CIE _{LCh}	55, 61.197, 278.207
Yxy	22.9298, 0.1824, 0.1763
Android (android.graphics.Color)	4278289901 (0xFF0185ED)
YUV	105.3880, 64.8847, -91.5483
Hunter-Lab	47.8851, 4.6001, -69.7306

Details

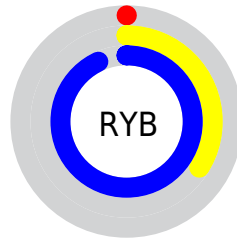
The CIELCh color **55, 61.197, 278.207** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **60, 83.139, 55.360**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 41.929, 264.689**, and **37, 59.277, 287.084** is the 20% darker color. If you saturate the color by 10%, you get **55, 61.380, 278.357**, and if you desaturate by 10%, it is **58, 55.596, 273.331**.

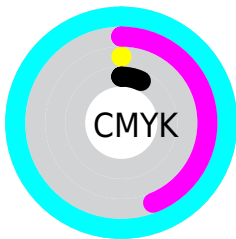
Distribution



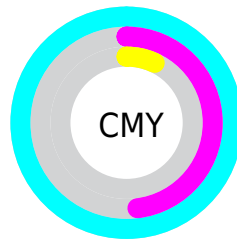
- Red (0%)
- Green (52%)
- Blue (93%)



- Red (0%)
- Yellow (34%)
- Blue (93%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (7%)





- Cyan (100%)
- Magenta (48%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 61.197, 278.207 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, 61.197, 278.207 by changing the saturation by 10% instead.


 55, 61.197,
278.207


 55, 61.197,
278.207


 100, 61.197,
278.207


 45, 61.197,
278.207


 75, 61.197,
278.207

 35, 61.197,
278.207

 85, 61.197,
278.207

 25, 61.197,
278.207

 95, 61.197,
278.207

 15, 61.197,
278.207

 5, 61.197, 278.207

 0, 61.197, 278.207

■ 55, 61.197,
278.207

■ 55, 61.197,
278.207

■ 55, 61.380,
278.357

■ 58, 55.596,
273.331

■ 62, 50.130,
268.668

■ 65, 44.625,
264.480

■ 69, 38.952,
260.850

■ 73, 33.032,
257.776

■ 77, 26.838,
255.212

■ 81, 20.380,
253.088

■ 85, 13.690,

251.337

■ 90, 6.810, 249.910

Harmonies

Complementary

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



55, 61.197, 278.207



60, 83.139, 55.360

Rectangle

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



55, 61.197, 278.207



55, 61.197, 328.207



55, 61.197, 98.207



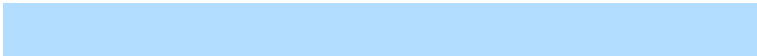
55, 61.197, 148.207

Sweetspot

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



55, 61.197, 278.209



86, 21.836, 253.172



83, 90.562, 145.722



44, 14.806, 254.029



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, 61.197, 278.209



59, 65.085, 278.563



31, 123.652, 305.636



47, 3.962, 249.882



42, 49.373, 277.449



10, 18.569, 268.775

Inverse Universe

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



52, 81.221, 356.953



55, 85.787, 357.225



87, 87.298, 98.368



46, 6.208, 341.265



39, 66.539, 356.376



8, 29.272, 350.797

Previews

White Background



This preview shows how the CIE LCh color 55, 61.197, 278.207 looks on a white background.

Color Contrast Check

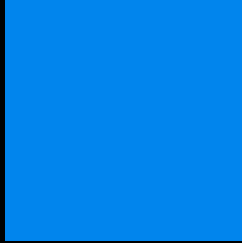
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.197, 278.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

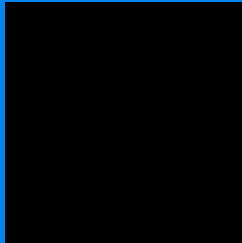
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

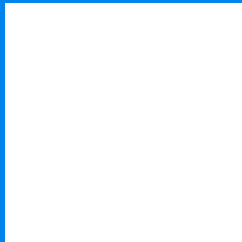
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 61.197, 278.207

Background



This preview shows how black text looks on a background with the CIELCh color 55, 61.197, 278.207.



This preview shows how white text looks on a background with the CIELCh color 55, 61.197, 278.207.

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, 32.058, 205.997

Trichromacy



Original Color
55, 61.190, 278.233

Protanomaly
54, 60.575, 282.156

Deuteranomaly
55, 60.688, 277.907

Tritanomaly
55, 35.499, 243.708

Monochromacy



Original Color
55, 61.190, 278.233

Achromatopsia
44, 0.006, 296.813

Achromatomaly
47, 25.987, 259.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 61.197, 278.207 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(1, 133, 237)` looks like.

```
.text, #text, p{  
    color:rgb(1, 133, 237)  
}
```

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(1, 133, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 133, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 61.197, 278.207 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(1, 133, 237) }
```

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

```
.border{ border-color:rgb(1, 133, 237) }
```

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

Here you see how a box with a 4 pixel rgb(1, 133, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 133, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 133, 237);  
box-shadow:4px 4px 4px 4px rgb(1, 133,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 61.197, 278.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 133, 237) }
```

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

```
.background{ background-color: rgb(1, 133,  
237) }
```

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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