

Converting Colors

CIELCh(60, 61.618, 276.099)

Have a look what the booklet for
CIELCh(60, 61.618, 276.099)
contains.

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Color

CIELCh(60, 61.787, 276.262)

Conversions

Conversions Part 1

Format	Color
Hex	0F93FD
RGB	15, 147, 253
RGB Percent	6%, 58%, 99%
CMY	0.9413, 0.4229, 0.0071
CMYK	0.94, 0.42, 0.00, 0.01
HSL	207°, 99%, 53%
HSV	207°, 94%, 99%
XYZ	28.4143, 28.1233, 97.0159
YIQ	119.6160, -112.6980, 4.9820

Conversions

Conversions Part 2

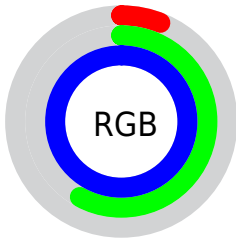
Format	Color
R _Y B	15, 100, 253
Decimal	1020925
CIE Lab	60.00, 6.74, -61.42
CIE LCh	60, 61.787, 276.262
Yxy	28.1233, 0.1850, 0.1831
Android (android.graphics.Color)	4279211005 (0xFF0F93FD)
YUV	119.6160, 65.7583, -91.7482
Hunter-Lab	53.0314, 2.8356, -71.3434

Details

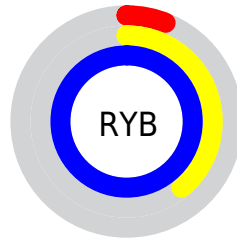
The CIELCh color **60, 61.787, 276.262** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle saturated azure. A complement of this color would be **65, 84.117, 57.105**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 36.553, 252.817**, and **42, 60.097, 284.766** is the 20% darker color. If you saturate the color by 10%, you get **58, 65.390, 279.135**, and if you desaturate by 10%, it is **63, 55.868, 271.439**.

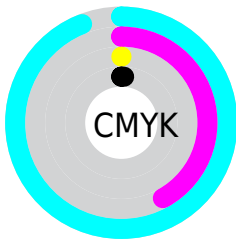
Distribution



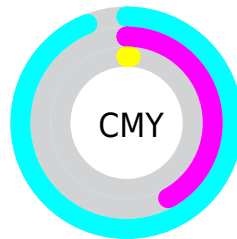
- Red (6%)
- Green (58%)
- Blue (99%)



- Red (6%)
- Yellow (39%)
- Blue (99%)



- Cyan (94%)
- Magenta (42%)
- Yellow (0%)
- Black (1%)





- Cyan (94%)
- Magenta (42%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 61.787, 276.262 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 60, 61.787, 276.262 by changing the saturation by 10% instead.


 60, 61.787,
276.262


 60, 61.787,
276.262


 100, 61.787,
276.262


 50, 61.787,
276.262


 80, 61.787,
276.262

 40, 61.787,
276.262

 90, 61.787,
276.262

 30, 61.787,
276.262

 20, 61.787,
276.262

 10, 61.787,
276.262

 0, 61.787, 276.262

 60, 61.787,

 60, 61.787,

276.262

■ 58, 65.390,
279.135

276.262

■ 63, 55.868,
271.439

■ 67, 49.997,
267.005

■ 71, 44.020,
263.098

■ 75, 37.829,
259.755

■ 79, 31.368,
256.948

■ 84, 24.630,
254.616

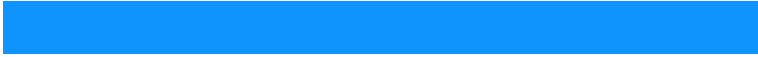
■ 88, 17.640,
252.687

■ 93, 10.435,
251.102

Harmonies

Complementary

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



60, 61.787, 276.262



65, 84.117, 57.105

Rectangle

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



60, 61.787, 276.262



60, 61.787, 326.262



60, 61.787, 96.262



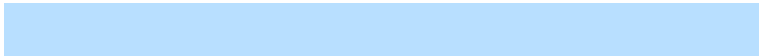
60, 61.787, 146.262

Sweetspot

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



60, 61.786, 276.263



87, 20.518, 253.399



88, 92.196, 146.883



45, 14.082, 254.248



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 61.786, 276.263



58, 65.767, 279.154



34, 126.270, 305.010



51, 4.255, 250.482



44, 52.137, 278.250



13, 21.505, 271.295

Inverse Universe

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



55, 84.913, 355.544



55, 85.653, 357.690



92, 90.862, 98.654



50, 6.626, 341.524



41, 69.155, 356.982



11, 32.492, 352.252

Previews

White Background



This preview shows how the CIE LCh color 60, 61.787, 276.262 looks on a white background.

Color Contrast Check

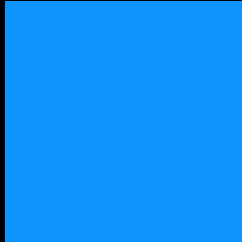
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 61.787, 276.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

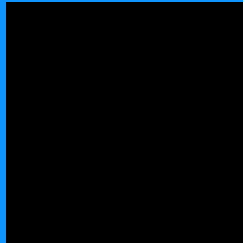
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

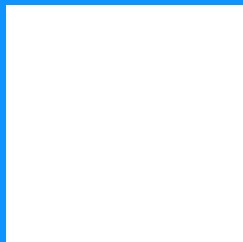
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 61.787, 276.262

Background



This preview shows how black text looks on a background with the CIELCh color 60, 61.787, 276.262.

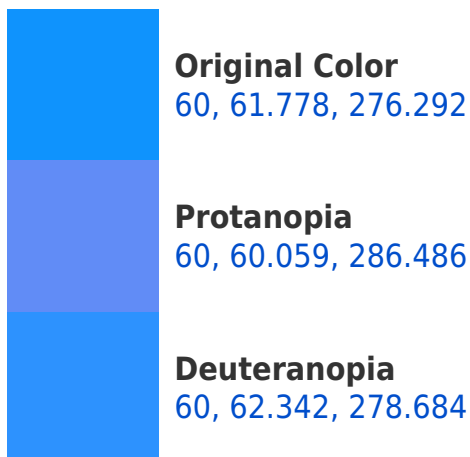


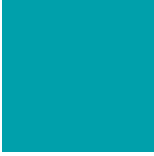
This preview shows how white text looks on a background with the CIELCh color 60, 61.787, 276.262.

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
60, 34.209, 207.223

Trichromacy



Original Color
60, 61.778, 276.292

Protanomaly
60, 60.839, 281.060

Deuteranomaly
60, 62.550, 277.926

Tritanomaly
60, 37.378, 242.263

Monochromacy



Original Color
60, 61.778, 276.292

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 25.751, 258.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 61.787, 276.262 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(15, 147, 253)` looks like.

```
.text, #text, p{  
    color:rgb(15, 147, 253)  
}
```

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(15, 147, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 147, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 61.787, 276.262 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(15, 147, 253) }
```

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

```
.border{ border-color:rgb(15, 147, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 147, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 147, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 147, 253);  
box-shadow:4px 4px 4px 4px rgb(15, 147,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 61.787, 276.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 147, 253) }
```

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

```
.background{ background-color: rgb(15, 147,  
253) }
```

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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