

Converting Colors

CIELCh(60, 62.603, 278.123)

Have a look what the booklet for
CIELCh(60, 62.603, 278.123)
contains.

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Color

CIELCh(60, 62.516, 278.048)

Conversions

Conversions Part 1

Format	Color
Hex	2492FE
RGB	36, 146, 254
RGB Percent	14%, 57%, 100%
CMY	0.8579, 0.4271, 0.0036
CMYK	0.86, 0.43, 0.00, 0.00
HSL	210°, 99%, 57%
HSV	210°, 86%, 100%
XYZ	28.9307, 28.1233, 97.7466
YIQ	125.4220, -100.2280, 10.2680

Conversions

Conversions Part 2

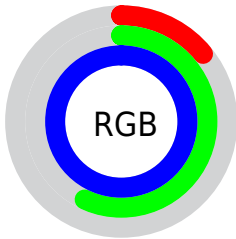
Format	Color
R _Y B	36, 109, 254
Decimal	2396926
CIE Lab	60.00, 8.75, -61.90
CIE LCh	60, 62.516, 278.048
Yxy	28.1233, 0.1869, 0.1817
Android (android.graphics.Color)	4280587006 (0xFF2492FE)
YUV	125.4220, 63.3890, -78.4231
Hunter-Lab	53.0314, 4.5736, -72.1602

Details

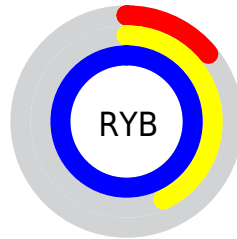
The CIELCh color **60, 62.516, 278.048** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **70, 77.215, 63.242**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 36.094, 255.494**, and **42, 61.268, 285.504** is the 20% darker color. If you saturate the color by 10%, you get **56, 69.682, 282.678**, and if you desaturate by 10%, it is **64, 55.522, 273.685**.

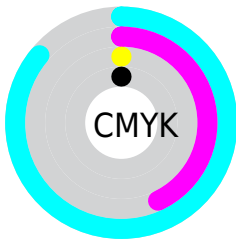
Distribution



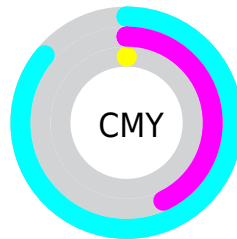
- Red (14%)
- Green (57%)
- Blue (100%)



- Red (14%)
- Yellow (43%)
- Blue (100%)



- Cyan (86%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (86%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 62.516, 278.048 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, 62.516, 278.048 by changing the saturation by 10% instead.


 60, 62.516,
278.048


 60, 62.516,
278.048


 100, 62.516,
278.048


 50, 62.516,
278.048


 80, 62.516,
278.048

 40, 62.516,
278.048

 90, 62.516,
278.048

 30, 62.516,
278.048

 20, 62.516,
278.048

 10, 62.516,
278.048

 0, 62.516, 278.048

 60, 62.516,

 60, 62.516,

278.048

278.048

■ 56, 69.682,
282.678

■ 64, 55.522,
273.685

■ 55, 72.829,
284.611

■ 68, 48.579,
269.754

■ 73, 41.576,
266.330

■ 77, 34.443,
263.410

■ 82, 27.152,
260.951

■ 87, 19.705,
258.894

■ 92, 12.127,
257.179

■ 97, 4.446, 255.790

100, 0.449,
109.972

Harmonies

Complementary

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



60, 62.516, 278.048



70, 77.215, 63.242

Rectangle

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



60, 62.516, 278.048



60, 62.516, 328.048



60, 62.516, 98.048



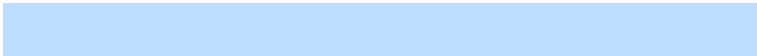
60, 62.516, 148.048

Sweetspot

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



60, 62.515, 278.049



87, 19.962, 258.945



89, 83.168, 151.058



45, 13.497, 259.619



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, 62.515, 278.049



55, 73.040, 284.620



36, 122.837, 304.671



51, 4.410, 256.269



42, 57.821, 283.774



12, 23.554, 277.186

Inverse Universe

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



57, 82.149, 356.972



55, 84.676, 2.536



96, 91.655, 102.182



50, 6.401, 344.181



41, 68.293, 1.715



10, 31.909, 356.180

Previews

White Background



This preview shows how the CIE LCh color 60, 62.516, 278.048 looks on a white background.

Color Contrast Check

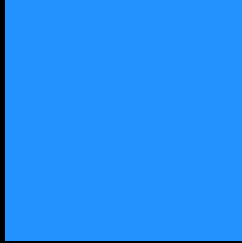
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62.516, 278.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

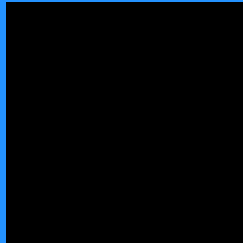
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

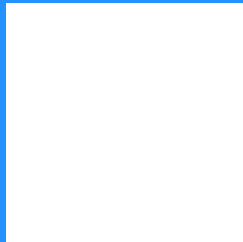
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 62.516, 278.048

Background



This preview shows how black text looks on a background with the CIELCh color 60, 62.516, 278.048.

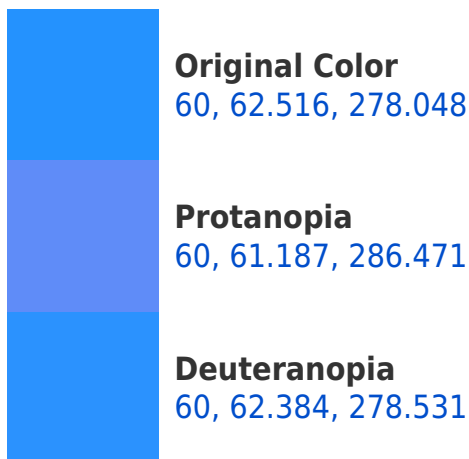


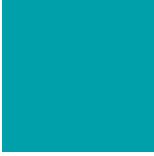
This preview shows how white text looks on a background with the CIELCh color 60, 62.516, 278.048.

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, 62.516, 278.048

Protanomaly
60, 61.712, 282.677

Deuteranomaly
60, 62.424, 278.384

Tritanomaly
60, 37.185, 242.570

Monochromacy



Original Color
60, 62.516, 278.048

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 25.623, 263.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 62.516, 278.048 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(36, 146, 254)` looks like.

```
.text, #text, p{  
    color:rgb(36, 146, 254)  
}
```

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(36, 146, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 146, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 62.516, 278.048 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(36, 146, 254) }
```

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

```
.border{ border-color:rgb(36, 146, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 146, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 146, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 146, 254);  
box-shadow:4px 4px 4px 4px rgb(36, 146,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 62.516, 278.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 146, 254) }
```

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

```
.background{ background-color: rgb(36, 146,  
254) }
```

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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