

Converting Colors

CIELCh(60, 52.386, 269.239)

Have a look what the booklet for
CIELCh(60, 52.386, 269.239)
contains.

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Color

CIELCh(60, 52.491, 269.343)

Conversions

Conversions Part 1

Format	Color
Hex	1996ED
RGB	25, 150, 237
RGB Percent	10%, 59%, 93%
CMY	0.9022, 0.4119, 0.0707
CMYK	0.89, 0.37, 0.00, 0.07
HSL	205°, 85%, 51%
HSV	205°, 89%, 93%
XYZ	26.5833, 28.1233, 84.1269
YIQ	122.5430, -102.4270, 0.5570

Conversions

Conversions Part 2

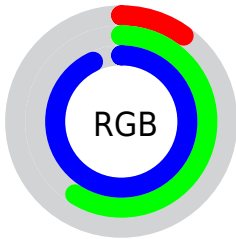
Format	Color
R _Y B	25, 104, 237
Decimal	1677037
CIE Lab	60.00, -0.60, -52.49
CIE LCh	60, 52.491, 269.343
Yxy	28.1233, 0.1915, 0.2026
Android (android.graphics.Color)	4279867117 (0xFF1996ED)
YUV	122.5430, 56.4273, -85.5452
Hunter-Lab	53.0314, -3.3275, -56.9332

Details

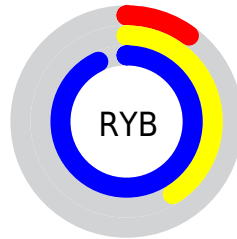
The CIELCh color **60, 52.491, 269.343** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **61, 77.918, 55.597**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 35.762, 248.503**, and **42, 50.120, 278.338** is the 20% darker color. If you saturate the color by 10%, you get **57, 57.403, 274.349**, and if you desaturate by 10%, it is **63, 47.646, 264.629**.

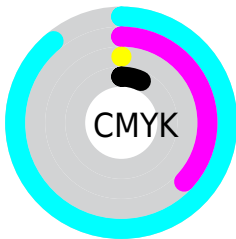
Distribution



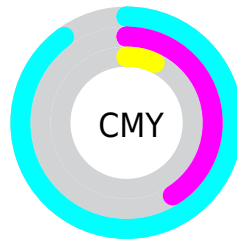
- Red (10%)
- Green (59%)
- Blue (93%)



- Red (10%)
- Yellow (41%)
- Blue (93%)



- Cyan (89%)
- Magenta (37%)
- Yellow (0%)
- Black (7%)





- Cyan (90%)
- Magenta (41%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 52.491, 269.343 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, 52.491, 269.343 by changing the saturation by 10% instead.


 60, 52.491,
269.343


 60, 52.491,
269.343


 100, 52.491,
269.343


 50, 52.491,
269.343


 80, 52.491,
269.343

 40, 52.491,
269.343

 90, 52.491,
269.343

 30, 52.491,
269.343

 20, 52.491,
269.343

 10, 52.491,
269.343

 0, 52.491, 269.343

 60, 52.491,

 60, 52.491,

269.343

■ 57, 57.403,
274.349

■ 57, 57.672,
274.603

269.343

■ 63, 47.646,
264.629

■ 67, 42.679,
260.445

■ 70, 37.456,
256.857

■ 74, 31.906,
253.848

■ 78, 26.011,
251.360

■ 82, 19.792,
249.316

■ 86, 13.289,
247.646

■ 90, 6.554, 246.299

Harmonies

Complementary

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



60, 52.491, 269.343



61, 77.918, 55.597

Rectangle

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



60, 52.491, 269.343



60, 52.491, 319.343



60, 52.491, 89.343



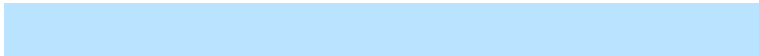
60, 52.491, 139.343

Sweetspot

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



60, 52.490, 269.344



88, 19.320, 248.890



83, 87.441, 146.559



45, 12.942, 249.515



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, 52.490, 269.344



61, 61.168, 274.819



35, 112.454, 303.385



47, 3.899, 246.298



44, 46.466, 273.668



11, 17.685, 264.817

Inverse Universe

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



53, 81.342, 351.154



56, 86.718, 354.504



86, 83.279, 96.704



46, 6.338, 339.805



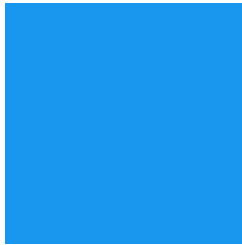
39, 67.295, 353.739



8, 29.670, 348.722

Previews

White Background



This preview shows how the CIE LCh color 60, 52.491, 269.343 looks on a white background.

Color Contrast Check

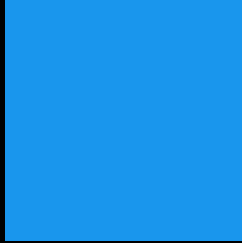
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.491, 269.343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

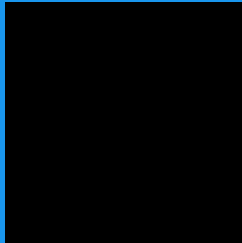
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

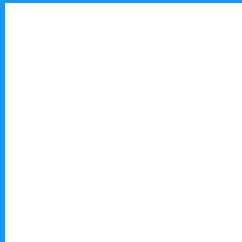
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 52.491, 269.343

Background



This preview shows how black text looks on a background with the CIELCh color 60, 52.491, 269.343.



This preview shows how white text looks on a background with the CIELCh color 60, 52.491, 269.343.

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



Trichromacy



Original Color
60, 52.491, 269.343

Protanomaly
59, 51.109, 277.714

Deuteranomaly
60, 53.343, 274.978

Monochromacy



Original Color
60, 52.491, 269.343

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 22.477, 251.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 52.491, 269.343 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(25, 150, 237)` looks like.

```
.text, #text, p{  
    color:rgb(25, 150, 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(25, 150, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 150, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 52.491, 269.343 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(25, 150, 237) }
```

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

```
.border{ border-color:rgb(25, 150, 237) }
```

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

Here you see how a box with a 4 pixel rgb(25, 150, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 150, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 150, 237);  
box-shadow:4px 4px 4px 4px rgb(25, 150,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 52.491, 269.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 150, 237) }
```

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

```
.background{ background-color: rgb(25, 150,  
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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