

Converting Colors

CIELCh(53, 61.143, 279.535)

Have a look what the booklet for
CIELCh(53, 61.143, 279.535)
contains.

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Color

CIELCh(53, 61.325, 279.693)

Conversions

Conversions Part 1

Format	Color
Hex	097FE7
RGB	9, 127, 231
RGB Percent	4%, 50%, 91%
CMY	0.9653, 0.5015, 0.0935
CMYK	0.96, 0.45, 0.00, 0.09
HSL	208°, 93%, 47%
HSV	208°, 96%, 91%
XYZ	22.1603, 21.0462, 78.6044
YIQ	103.5740, -103.7120, 7.3280

Conversions

Conversions Part 2

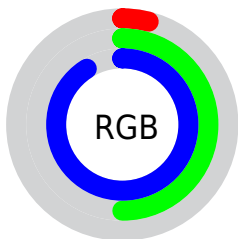
Format	Color
R _Y B	9, 86, 231
Decimal	622567
CIE Lab	53.00, 10.33, -60.45
CIE LCh	53, 61.325, 279.693
Yxy	21.0462, 0.1819, 0.1728
Android (android.graphics.Color)	4278812647 (0xFF097FE7)
YUV	103.5740, 62.8210, -82.9414
Hunter-Lab	45.8761, 5.9407, -69.4745

Details

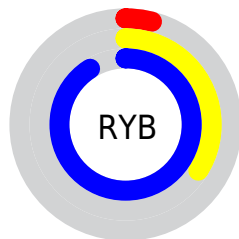
The CIELCh color **53, 61.325, 279.693** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **61, 78.569, 58.444**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 44.399, 269.026**, and **35, 59.655, 288.296** is the 20% darker color. If you saturate the color by 10%, you get **52, 63.703, 281.463**, and if you desaturate by 10%, it is **56, 55.301, 274.954**.

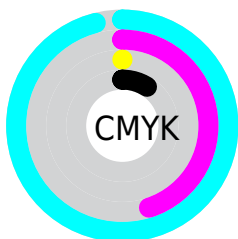
Distribution



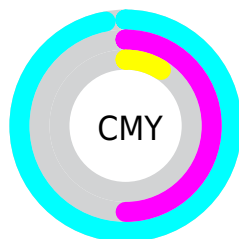
- Red (4%)
- Green (50%)
- Blue (91%)



- Red (4%)
- Yellow (34%)
- Blue (91%)



- Cyan (96%)
- Magenta (45%)
- Yellow (0%)
- Black (9%)





- Cyan (97%)
- Magenta (50%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 61.325, 279.693 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 53, 61.325, 279.693 by changing the saturation by 10% instead.


 53, 61.325,
279.693


 53, 61.325,
279.693


 100, 61.325,
279.693


 43, 61.325,
279.693


 73, 61.325,
279.693

 33, 61.325,
279.693

 83, 61.325,
279.693

 23, 61.325,
279.693

 93, 61.325,
279.693

 13, 61.325,
279.693

 3, 61.325, 279.693

 0, 61.325, 279.693

■ 53, 61.325,
279.693

■ 53, 61.325,
279.693

■ 52, 63.703,
281.463

■ 56, 55.301,
274.954

■ 60, 49.393,
270.522

■ 64, 43.467,
266.561

■ 68, 37.416,
263.132

■ 72, 31.178,
260.225

■ 76, 24.734,
257.789

■ 80, 18.094,
255.761

■ 85, 11.285,

254.079

■ 89, 4.344, 252.723

Harmonies

Complementary

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



53, 61.325, 279.693



61, 78.569, 58.444

Rectangle

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



53, 61.325, 279.693



53, 61.325, 329.693



53, 61.325, 99.693



53, 61.325, 149.693

Sweetspot

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



53, 61.325, 279.695



86, 21.642, 256.327



81, 84.194, 148.025



44, 14.780, 257.198



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 61.325, 279.695



57, 68.972, 281.736



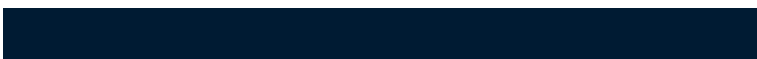
30, 121.041, 305.695



46, 3.962, 253.126



40, 51.666, 280.607



9, 18.724, 271.629

Inverse Universe

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



50, 78.785, 358.155



55, 85.125, 359.849



87, 87.115, 100.805



45, 5.981, 342.688



38, 65.302, 358.878



7, 27.956, 352.543

Previews

White Background



This preview shows how the CIE LCh color 53, 61.325, 279.693 looks on a white background.

Color Contrast Check

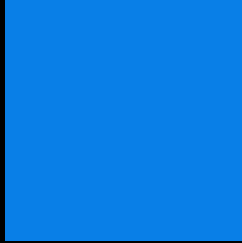
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 61.325, 279.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

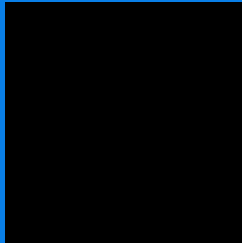
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

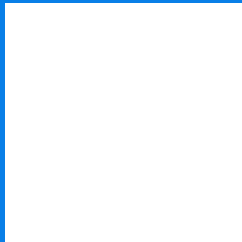
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 61.325, 279.693

Background



This preview shows how black text looks on a background with the CIELCh color 53, 61.325, 279.693.




This preview shows how white text looks on a background with the CIELCh color 53, 61.325, 279.693.

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
53, 31.070, 206.382

Trichromacy



Original Color
53, 61.318, 279.721

Protanomaly
53, 60.784, 283.209

Deuteranomaly
53, 59.266, 278.149

Tritanomaly
53, 34.820, 245.409

Monochromacy



Original Color
53, 61.318, 279.721

Achromatopsia
44, 0.006, 296.813

Achromatomaly
46, 25.466, 262.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 61.325, 279.693 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(9, 127, 231)` looks like.

```
.text, #text, p{  
    color:rgb(9, 127, 231)  
}
```

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(9, 127, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 127, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 61.325, 279.693 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(9, 127, 231) }
```

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

```
.border{ border-color:rgb(9, 127, 231) }
```

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

Here you see how a box with a 4 pixel rgb(9, 127, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 127, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 127, 231);  
box-shadow:4px 4px 4px 4px rgb(9, 127,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 61.325, 279.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 127, 231) }
```

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

```
.background{ background-color: rgb(9, 127,  
231) }
```

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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