

Converting Colors

CIELCh(61, 53.828, 292.089)

Have a look what the booklet for
CIELCh(61, 53.828, 292.089)
contains.

CIELCh(61, 53.942, 291.987)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(61, 53.942, 291.987)

Conversions

Conversions Part 1

Format	Color
Hex	7F8CEC
RGB	127, 140, 236
RGB Percent	50%, 55%, 93%
CMY	0.5027, 0.4516, 0.0753
CMYK	0.46, 0.41, 0.00, 0.08
HSL	233°, 74%, 71%
HSV	233°, 46%, 92%
XYZ	33.1893, 29.2481, 83.1069
YIQ	147.0570, -38.5640, 27.1000

Conversions

Conversions Part 2

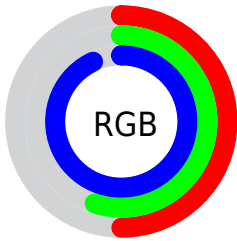
Format	Color
RYB	127, 139, 236
Decimal	8359148
CIELab	61.00, 20.20, -50.02
CIElCh	61, 53.942, 291.987
Yxy	29.2481, 0.2280, 0.2010
Android (android.graphics.Color)	4286549228 (0xFF7F8CEC)
YUV	147.0570, 43.8489, -17.5900
Hunter-Lab	54.0815, 14.9009, -53.2537

Details

The CIELCh color **61, 53.942, 291.987** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **88, 49.098, 99.772**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 33.152, 288.184**, and **41, 54.369, 292.135** is the 20% darker color. If you saturate the color by 10%, you get **54, 66.904, 294.285**, and if you desaturate by 10%, it is **68, 41.460, 289.981**.

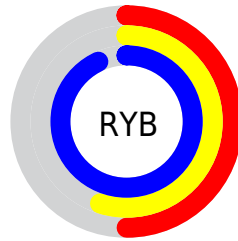
Distribution



Red (50%)

Green (55%)

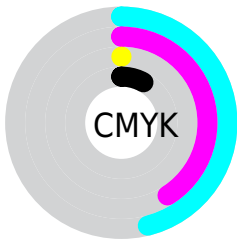
Blue (93%)



Red (50%)

Yellow (55%)

Blue (93%)

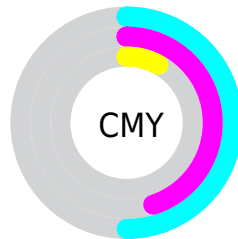


Cyan (46%)

Magenta (41%)

Yellow (0%)

Black (8%)



Cyan (50%)

Magenta (45%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 53.942, 291.987 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 61, 53.942, 291.987 by changing the saturation by 10% instead.

■ 61, 53.942,
291.987

■ 61, 53.942,
291.987

■ 100, 53.942,
291.987

■ 51, 53.942,
291.987

■ 81, 53.942,
291.987

■ 41, 53.942,
291.987

■ 91, 53.942,
291.987

■ 31, 53.942,
291.987

■ 21, 53.942,
291.987

■ 11, 53.942,
291.987

■ 1, 53.942, 291.987

■ 0, 53.942, 291.987

61, 53.942,
291.987

61, 53.942,
291.987

54, 66.904,
294.285

68, 41.460,
289.981

48, 80.254,
296.832

75, 29.458,
288.258

42, 93.649,
299.507

82, 17.901,
286.789

36, 106.274,
302.080

89, 6.754, 285.548

33, 116.708,
304.236

96, 4.015, 104.427

100, 9.715,
109.442

32, 119.779,
304.850

Harmonies

Complementary

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



61, 53.942, 291.987



88, 49.098, 99.772

Rectangle

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



61, 53.942, 291.987



61, 53.942, 341.987



61, 53.942, 111.987



61, 53.942, 161.987

Sweetspot

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



61, 53.941, 291.988



90, 16.400, 286.502



87, 34.948, 184.424



46, 11.364, 286.790



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 53.941, 291.988



59, 69.604, 294.045



61, 62.413, 307.299



45, 6.172, 285.926



23, 97.255, 304.555



4, 32.780, 295.432

Inverse Universe

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



66, 44.757, 15.586



66, 57.516, 17.690



89, 56.988, 121.871



46, 4.956, 10.329



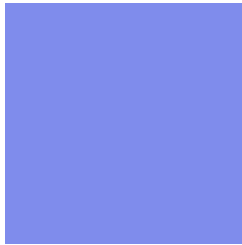
38, 75.710, 34.726



7, 28.095, 17.821

Previews

White Background



This preview shows how the CIELCh color 61, 53.942, 291.987 looks on a white background.

Color Contrast Check

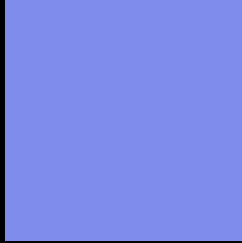
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 53.942, 291.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

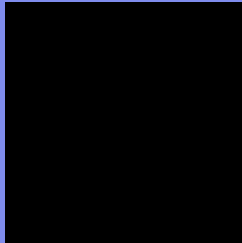
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 53.942, 291.987

Background



This preview shows how black text looks on a background with the CIELCh color 61, 53.942, 291.987.



This preview shows how white text looks on a background with the CIELCh color 61, 53.942, 291.987.

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
61, 17.282, 221.297

Trichromacy



Original Color
61, 53.942, 291.987

Protanomaly
61, 54.101, 288.196

Deuteranomaly
61, 51.545, 284.929

Tritanomaly
61, 26.142, 267.825

Monochromacy



Original Color
61, 53.942, 291.987

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 19.765, 288.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 53.942, 291.987 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(127, 140, 236)` looks like.

```
.text, #text, p{  
    color:rgb(127, 140, 236)  
}
```

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(127, 140, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 140, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 53.942, 291.987 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(127, 140, 236) }
```

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

```
.border{ border-color:rgb(127, 140, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 140, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 140, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 140, 236);  
box-shadow:4px 4px 4px 4px rgb(127, 140,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 53.942, 291.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 140, 236) }
```

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

```
.background{ background-color: rgb(127,  
140, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor