

Converting Colors

CIELCh(61, 41.058, 286.991)

Have a look what the booklet for
CIELCh(61, 41.058, 286.991)
contains.

CIELCh(61, 40.646, 286.916)	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, 40.646, 286.916)

Conversions

Conversions Part 1

Format	Color
Hex	7E90D8
RGB	126, 144, 216
RGB Percent	49%, 56%, 85%
CMY	0.5067, 0.4361, 0.1538
CMYK	0.42, 0.33, 0.00, 0.15
HSL	228°, 53%, 67%
HSV	228°, 42%, 85%
XYZ	30.8784, 29.2481, 68.8289
YIQ	146.8260, -33.8400, 18.5760

Conversions

Conversions Part 2

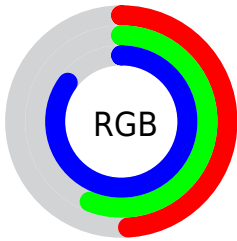
Format	Color
R _Y B	126, 141, 216
Decimal	8294616
CIE Lab	61.00, 11.83, -38.89
CIE LCh	61, 40.646, 286.916
Yxy	29.2481, 0.2395, 0.2268
Android (android.graphics.Color)	4286484696 (0xFF7E90D8)
YUV	146.8260, 34.1028, -18.2644
Hunter-Lab	54.0815, 7.2738, -37.6006

Details

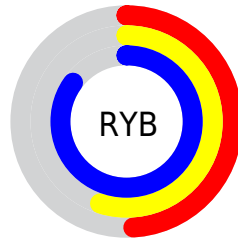
The CIELCh color $61, 40.646, 286.916$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $80, 38.494, 95.453$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 30.594, 283.340$, and $41, 40.752, 286.805$ is the 20% darker color. If you saturate the color by 10%, you get $55, 51.245, 289.194$, and if you desaturate by 10%, it is $67, 30.408, 284.950$.

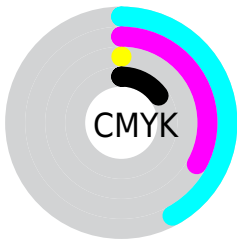
Distribution



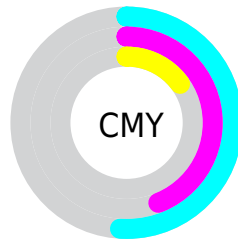
- Red (49%)
- Green (56%)
- Blue (85%)



- Red (49%)
- Yellow (55%)
- Blue (85%)



- Cyan (42%)
- Magenta (33%)
- Yellow (0%)
- Black (15%)





- Cyan (51%)
- Magenta (44%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 40.646, 286.916 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, 40.646, 286.916 by changing the saturation by 10% instead.


 61, 40.646,
286.916


 61, 40.646,
286.916


 100, 40.646,
286.916


 51, 40.646,
286.916


 81, 40.646,
286.916

 41, 40.646,
286.916

 91, 40.646,
286.916

 31, 40.646,
286.916

 21, 40.646,
286.916

 11, 40.646,
286.916

 1, 40.646, 286.916

 0, 40.646, 286.916

61, 40.646,
286.916

61, 40.646,
286.916

55, 51.245,
289.194

67, 30.408,
284.950

49, 62.222,
291.788

73, 20.502,
283.268

44, 73.528,
294.650

79, 10.899,
281.835

39, 84.944,
297.655

85, 1.574, 280.692

91, 7.491, 99.503

34, 95.925,
300.581

97, 16.293, 98.916

31, 104.062,
302.698

99, 19.828,
108.677

Harmonies

Complementary

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



61, 40.646, 286.916



80, 38.494, 95.453

Rectangle

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



61, 40.646, 286.916



61, 40.646, 336.916



61, 40.646, 106.916



61, 40.646, 156.916

Sweetspot

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



61, 40.645, 286.916



91, 13.888, 282.024



80, 31.556, 177.874



47, 9.749, 282.330



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, 40.645, 286.916



65, 56.627, 288.896



58, 51.806, 304.326



42, 5.237, 281.539



24, 86.251, 302.284



3, 23.800, 289.028

Inverse Universe

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



63, 37.307, 8.517



69, 51.698, 10.318



83, 47.317, 118.710



42, 4.703, 4.055



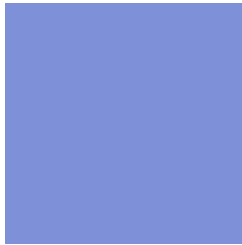
36, 68.628, 29.097



5, 22.055, 10.862

Previews

White Background



This preview shows how the CIELCh color 61, 40.646, 286.916 looks on a white background.

Color Contrast Check

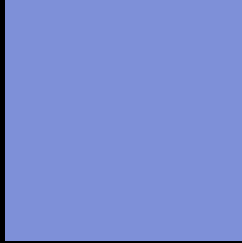
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.646, 286.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

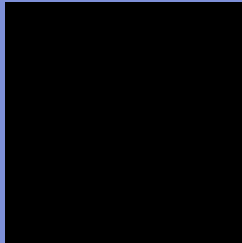
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 40.646, 286.916

Background



This preview shows how black text looks on a background with the CIELCh color 61, 40.646, 286.916.



This preview shows how white text looks on a background with the CIELCh color 61, 40.646, 286.916.

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



Original Color

61, 40.646, 286.916

Protanopia

61, 40.740, 285.746

Deuteranopia

61, 39.295, 282.255



Tritanopia
61, 15.375, 224.539

Trichromacy



Original Color
61, 40.646, 286.916

Protanomaly
61, 40.707, 286.133

Deuteranomaly
61, 39.712, 284.103

Tritanomaly
61, 21.420, 262.955

Monochromacy



Original Color
61, 40.646, 286.916

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 14.800, 282.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 40.646, 286.916 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(126, 144, 216)` looks like.

```
.text, #text, p{  
    color:rgb(126, 144, 216)  
}
```

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(126, 144, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 144, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 40.646, 286.916 is called "border". The border property can be set on classes, ids or directly on the HTML element.

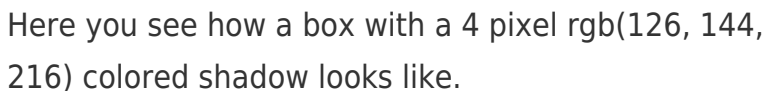
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 144, 216) }
```

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

```
.border{ border-color:rgb(126, 144, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 144, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 144, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 144, 216); box-shadow:4px 4px 4px 4px rgb(126, 144, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 40.646, 286.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 144, 216) }
```

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

```
.background{ background-color: rgb(126,  
144, 216) }
```

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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