

Converting Colors

CIELCh(61, 46.186, 297.061)

Have a look what the booklet for
CIELCh(61, 46.186, 297.061)
contains.

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Color

CIELCh(61, 46.263, 296.928)

Conversions

Conversions Part 1

Format	Color
Hex	8F8ADC
RGB	143, 138, 220
RGB Percent	56%, 54%, 86%
CMY	0.4386, 0.4582, 0.1366
CMYK	0.35, 0.37, 0.00, 0.14
HSL	244°, 54%, 70%
HSV	244°, 37%, 86%
XYZ	33.4034, 29.2481, 71.7067
YIQ	148.8430, -23.3420, 26.5620

Conversions

Conversions Part 2

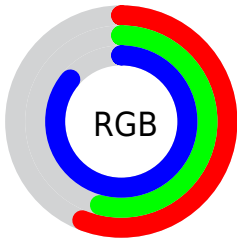
Format	Color
RYB	143, 138, 220
Decimal	9407196
CIELab	61.00, 20.95, -41.25
CIElCh	61, 46.263, 296.928
Yxy	29.2481, 0.2486, 0.2177
Android (android.graphics.Color)	4287597276 (0xFF8F8ADC)
YUV	148.8430, 35.0804, -5.1243
Hunter-Lab	54.0815, 15.6075, -40.7555

Details

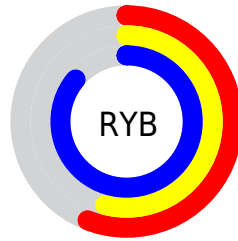
The CIELCh color $61, 46.263, 296.928$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $86, 42.103, 109.337$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 34.328, 297.446$, and $41, 46.646, 296.997$ is the 20% darker color. If you saturate the color by 10%, you get $54, 59.898, 298.555$, and if you desaturate by 10%, it is $68, 33.140, 295.507$.

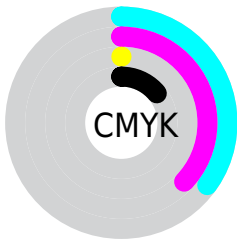
Distribution



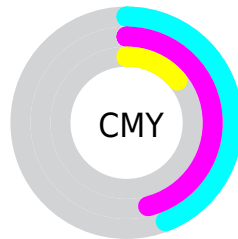
- Red (56%)
- Green (54%)
- Blue (86%)



- Red (56%)
- Yellow (54%)
- Blue (86%)



- Cyan (35%)
- Magenta (37%)
- Yellow (0%)
- Black (14%)





- Cyan (44%)
- Magenta (46%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 46.263, 296.928 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, 46.263, 296.928 by changing the saturation by 10% instead.


 61, 46.263,
296.928


 61, 46.263,
296.928


 100, 46.263,
296.928


 51, 46.263,
296.928


 81, 46.263,
296.928

 41, 46.263,
296.928

 91, 46.263,
296.928

 31, 46.263,
296.928

 21, 46.263,
296.928

 11, 46.263,
296.928

 1, 46.263, 296.928

 0, 46.263, 296.928

■ 61, 46.263,
296.928

■ 61, 46.263,
296.928

■ 54, 59.898,
298.555

■ 68, 33.140,
295.507

■ 47, 73.920,
300.362

■ 75, 20.550,
294.285

■ 41, 87.943,
302.261

■ 83, 8.470, 293.245

■ 35, 101.080,
304.065

■ 90, 3.134, 112.336

■ 31, 111.742,
305.487

■ 97, 14.295,
111.590

■ 28, 118.172,
306.261

■ 99, 17.618,
108.845

■ 27, 119.472,
306.436

Harmonies

Complementary

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



61, 46.263, 296.928



86, 42.103, 109.337

Rectangle

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



61, 46.263, 296.928



61, 46.263, 346.928



61, 46.263, 116.928



61, 46.263, 166.928

Sweetspot

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



61, 46.262, 296.928



91, 14.581, 293.624



82, 24.812, 202.789



47, 9.823, 293.765



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, 46.262, 296.928



64, 64.022, 298.234



65, 48.077, 312.541



42, 6.637, 293.457



20, 99.897, 306.482



2, 29.676, 296.419

Inverse Universe

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



68, 50.405, 328.221



74, 67.823, 328.658



83, 45.876, 129.070



43, 7.675, 326.633



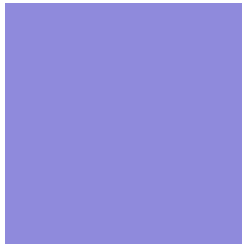
41, 82.520, 330.808



7, 33.119, 330.269

Previews

White Background



This preview shows how the CIELCh color 61, 46.263, 296.928 looks on a white background.

Color Contrast Check

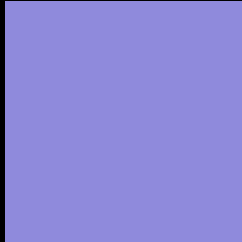
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.263, 296.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

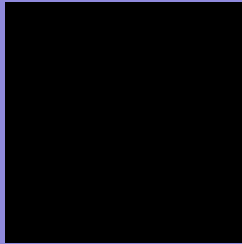
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 46.263, 296.928

Background



This preview shows how black text looks on a background with the CIELCh color 61, 46.263, 296.928.

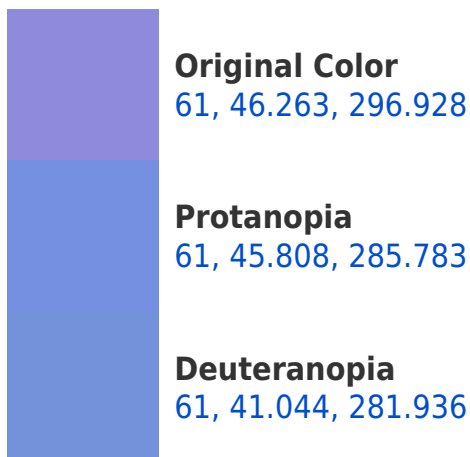


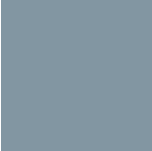
This preview shows how white text looks on a background with the CIELCh color 61, 46.263, 296.928.

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, 9.729, 243.122

Trichromacy



Original Color
61, 46.263, 296.928

Protanomaly
61, 45.620, 289.526

Deuteranomaly
61, 42.890, 287.657

Tritanomaly
61, 21.065, 282.225

Monochromacy



Original Color
61, 46.263, 296.928

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 16.933, 294.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 46.263, 296.928 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(143, 138, 220)` looks like.

```
.text, #text, p{  
    color:rgb(143, 138, 220)  
}
```

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(143, 138, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 138, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 46.263, 296.928 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(143, 138, 220) }
```

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

```
.border{ border-color:rgb(143, 138, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 138, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 138, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 138, 220);  
box-shadow:4px 4px 4px 4px rgb(143, 138,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 46.263, 296.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 138, 220) }
```

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

```
.background{ background-color: rgb(143,  
138, 220) }
```

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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