

Converting Colors

CIELCh(61, 41.638, 297.085)

Have a look what the booklet for
CIELCh(61, 41.638, 297.085)
contains.

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Color

CIELCh(61, 41.793, 297.173)

Conversions

Conversions Part 1

Format	Color
Hex	918BD5
RGB	145, 139, 213
RGB Percent	57%, 55%, 84%
CMY	0.4317, 0.4553, 0.1651
CMYK	0.32, 0.35, 0.00, 0.17
HSL	245°, 47%, 69%
HSV	245°, 35%, 83%
XYZ	32.8764, 29.2481, 66.7958
YIQ	149.2300, -20.1780, 24.2860

Conversions

Conversions Part 2

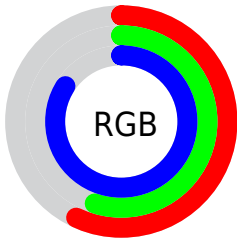
Format	Color
R_{YB}	145, 139, 213
Decimal	9538517
CIE _{Lab}	61.00, 19.09, -37.18
CIE _{LCh}	61, 41.793, 297.173
Yxy	29.2481, 0.2550, 0.2269
Android (android.graphics.Color)	4287728597 (0xFF918BD5)
YUV	149.2300, 31.4386, -3.7097
Hunter-Lab	54.0815, 13.8684, -35.3717

Details

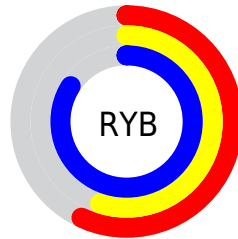
The CIELCh color $61, 41.793, 297.173$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $83, 38.356, 110.442$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 33.796, 298.017$, and $41, 41.863, 297.283$ is the 20% darker color. If you saturate the color by 10%, you get $54, 54.927, 298.674$, and if you desaturate by 10%, it is $68, 29.156, 295.864$.

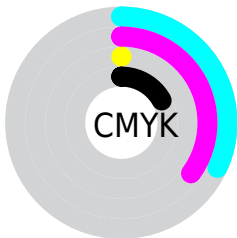
Distribution



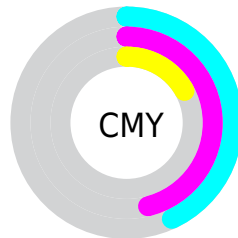
- Red (57%)
- Green (55%)
- Blue (84%)



- Red (57%)
- Yellow (55%)
- Blue (84%)



- Cyan (32%)
- Magenta (35%)
- Yellow (0%)
- Black (17%)



- Cyan (43%)
- Magenta (46%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 41.793, 297.173 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, 41.793, 297.173 by changing the saturation by 10% instead.

■ 61, 41.793,
297.173

■ 61, 41.793,
297.173

■ 100, 41.793,
297.173

■ 51, 41.793,
297.173

■ 81, 41.793,
297.173

■ 41, 41.793,
297.173

■ 91, 41.793,
297.173

■ 31, 41.793,
297.173

■ 21, 41.793,
297.173

■ 11, 41.793,
297.173

■ 1, 41.793, 297.173

■ 0, 41.793, 297.173

61, 41.793,
297.173

61, 41.793,
297.173

54, 54.927,
298.674

68, 29.156,
295.864

47, 68.468,
300.352

75, 17.028,
294.738

41, 82.124,
302.139

82, 5.384, 293.779

35, 95.196,
303.885

89, 5.807, 112.944

96, 16.576,
112.246

31, 106.352,
305.341

99, 21.273,
108.567

28, 113.811,
306.213

27, 116.367,
306.506

Harmonies

Complementary

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



61, 41.793, 297.173



83, 38.356, 110.442

Rectangle

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



61, 41.793, 297.173



61, 41.793, 347.173



61, 41.793, 117.173



61, 41.793, 167.173

Sweetspot

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



61, 41.792, 297.173



92, 13.240, 294.272



79, 22.424, 204.646



48, 9.058, 294.410



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, 41.792, 297.173



66, 59.398, 298.309



64, 43.672, 312.953



41, 6.514, 294.207



20, 98.687, 306.558



2, 27.661, 296.065

Inverse Universe

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



67, 45.252, 328.695



76, 62.767, 329.127



81, 41.902, 129.763



42, 7.425, 327.218



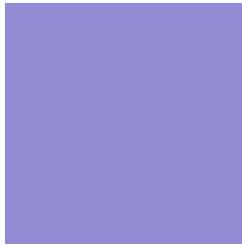
40, 80.361, 331.724



6, 31.063, 330.850

Previews

White Background



This preview shows how the CIELCh color 61, 41.793, 297.173 looks on a white background.

Color Contrast Check

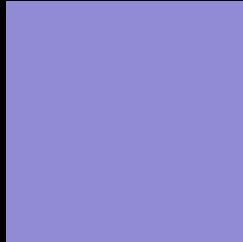
Large Text (above 18pt) WCAG AA ✓ Pass

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, 41.793, 297.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

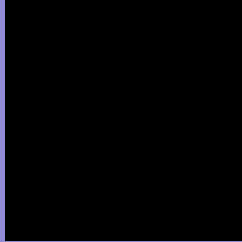
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 41.793, 297.173

Background



This preview shows how black text looks on a background with the CIELCh color 61, 41.793, 297.173.



This preview shows how white text looks on a background with the CIELCh color 61, 41.793, 297.173.

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, 41.793, 297.173

Protanopia

61, 41.272, 285.527

Deuteranopia

61, 36.957, 282.828



Tritanopia
61, 8.571, 251.350

Trichromacy



Original Color
61, 41.793, 297.173

Protanomaly
61, 41.100, 289.502

Deuteranomaly
61, 38.912, 288.497

Tritanomaly
61, 19.816, 285.342

Monochromacy



Original Color
61, 41.793, 297.173

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 15.274, 295.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 41.793, 297.173 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(145, 139, 213)` looks like.

```
.text, #text, p{  
    color:rgb(145, 139, 213)  
}
```

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(145, 139, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 139, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 41.793, 297.173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

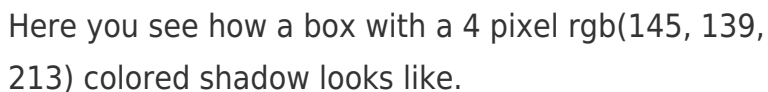
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 139, 213) }
```

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

```
.border{ border-color:rgb(145, 139, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 139, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 139, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 139, 213); box-shadow:4px 4px 4px 4px rgb(145, 139, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 41.793, 297.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 139, 213) }
```

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

```
.background{ background-color: rgb(145,  
139, 213) }
```

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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