

Converting Colors

CIELCh(61, 22.277, 287.360)

Have a look what the booklet for
CIELCh(61, 22.277, 287.360)
contains.

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Color

CIELCh(61, 22.575, 287.448)

Conversions

Conversions Part 1

Format	Color
Hex	8B91B9
RGB	139, 145, 185
RGB Percent	55%, 57%, 73%
CMY	0.4548, 0.4313, 0.2745
CMYK	0.25, 0.22, 0.00, 0.27
HSL	232°, 25%, 64%
HSV	232°, 25%, 73%
XYZ	29.5353, 29.2481, 49.9948
YIQ	147.7660, -16.4160, 11.1680

Conversions

Conversions Part 2

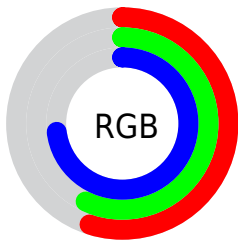
Format	Color
R_YB	139, 144, 185
Decimal	9146809
CIE _{Lab}	61.00, 6.77, -21.54
CIE _{LCh}	61, 22.575, 287.448
Yxy	29.2481, 0.2715, 0.2689
Android (android.graphics.Color)	4287336889 (0xFF8B91B9)
YUV	147.7660, 18.3564, -7.6878
Hunter-Lab	54.0815, 2.8406, -16.9526

Details

The CIELCh color $61, 22.575, 287.448$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $73, 21.681, 101.596$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 22.376, 287.035$, and $41, 22.510, 287.243$ is the 20% darker color. If you saturate the color by 10%, you get $55, 32.226, 289.108$, and if you desaturate by 10%, it is $67, 13.266, 286.029$.

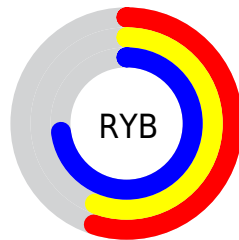
Distribution



Red (55%)

Green (57%)

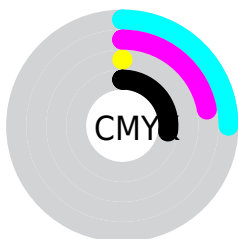
Blue (73%)



Red (55%)

Yellow (56%)

Blue (73%)

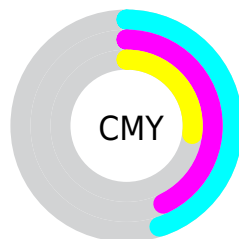


Cyan (25%)

Magenta (22%)

Yellow (0%)

Black (27%)



Cyan (45%)

Magenta (43%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 22.575, 287.448 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, 22.575, 287.448 by changing the saturation by 10% instead.

■ 61, 22.575,
287.448

■ 61, 22.575,
287.448

■ 100, 22.575,
287.448

■ 51, 22.575,
287.448

■ 81, 22.575,
287.448

■ 41, 22.575,
287.448

■ 91, 22.575,
287.448

■ 31, 22.575,
287.448

■ 21, 22.575,
287.448

■ 11, 22.575,
287.448

■ 1, 22.575, 287.448

■ 0, 22.575, 287.448

61, 22.575,
287.448

61, 22.575,
287.448

55, 32.226,
289.108

67, 13.266,
286.029

50, 42.250,
291.042

72, 4.274, 284.832

44, 52.660,
293.263

78, 4.425, 103.739

39, 63.414,
295.749

84, 12.852,
102.860

34, 74.325,
298.407

89, 21.022,
102.089

29, 84.901,
301.051

95, 28.952,
101.417

26, 94.197,
303.403

99, 35.176,
107.498

24, 98.117,

Harmonies

Complementary

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



61, 22.575, 287.448



73, 21.681, 101.596

Rectangle

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



61, 22.575, 287.448



61, 22.575, 337.448



61, 22.575, 107.448



61, 22.575, 157.448

Sweetspot

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



61, 22.574, 287.447



90, 7.617, 285.081



72, 16.604, 186.428



47, 4.951, 285.149



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



61, 22.574, 287.447



74, 33.955, 288.350



61, 26.738, 305.715



36, 4.981, 285.339



20, 85.528, 304.082



1, 13.914, 286.153

Inverse Universe

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



62, 18.755, 11.164



76, 28.360, 11.922



73, 25.589, 122.988



36, 4.056, 9.428



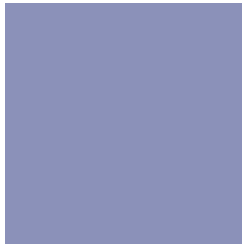
32, 66.765, 33.465



2, 10.760, 11.522

Previews

White Background



This preview shows how the CIELCh color 61, 22.575, 287.448 looks on a white background.

Color Contrast Check

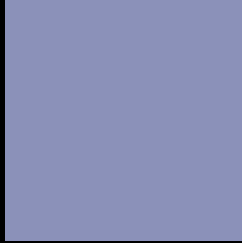
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.575, 287.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

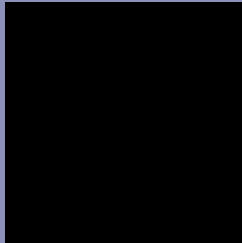
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 22.575, 287.448

Background



This preview shows how black text looks on a background with the CIELCh color 61, 22.575, 287.448.



This preview shows how white text looks on a background with the CIELCh color 61, 22.575, 287.448.

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, 22.575, 287.448

Protanopia

61, 22.082, 284.622

Deuteranopia

61, 23.109, 291.007



Tritanopia
61, 8.571, 251.350

Trichromacy



Original Color
61, 22.575, 287.448

Protanomaly
61, 22.047, 285.483

Deuteranomaly
61, 23.116, 290.166

Tritanomaly
61, 12.983, 272.358

Monochromacy



Original Color
61, 22.575, 287.448

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 7.903, 285.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 22.575, 287.448 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(139, 145, 185)` looks like.

```
.text, #text, p{  
    color:rgb(139, 145, 185)  
}
```

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(139, 145, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 145, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 22.575, 287.448 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(139, 145, 185) }
```

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

```
.border{ border-color:rgb(139, 145, 185) }
```

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

Here you see how a box with a 4 pixel rgb(139, 145, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 145, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 145, 185);  
box-shadow:4px 4px 4px 4px rgb(139, 145,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 22.575, 287.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 145, 185) }
```

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

```
.background{ background-color: rgb(139,  
145, 185) }
```

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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