

Converting Colors

CIELCh(65, 36.242, 278.607)

Have a look what the booklet for
CIELCh(65, 36.242, 278.607)
contains.

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Color

CIELCh(65, 36.367, 278.630)

Conversions

Conversions Part 1

Format	Color
Hex	7E9EDE
RGB	126, 158, 222
RGB Percent	49%, 62%, 87%
CMY	0.5069, 0.3813, 0.1304
CMYK	0.43, 0.29, 0.00, 0.13
HSL	220°, 59%, 68%
HSV	220°, 43%, 87%
XYZ	33.9020, 34.0472, 73.7091
YIQ	155.7280, -39.6160, 13.1200

Conversions

Conversions Part 2

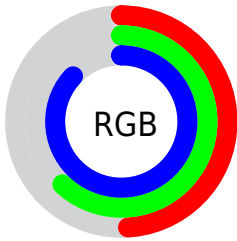
Format	Color
R _Y B	126, 150, 222
Decimal	8298206
CIE Lab	65.00, 5.46, -35.96
CIE LCh	65, 36.367, 278.630
Yxy	34.0472, 0.2393, 0.2403
Android (android.graphics.Color)	4286488286 (0xFF7E9EDE)
YUV	155.7280, 32.6721, -26.0715
Hunter-Lab	58.3500, 1.5983, -34.0516

Details

The CIELCh color **65, 36.367, 278.630** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **78, 36.610, 85.415**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 24.262, 268.971**, and **45, 36.569, 278.860** is the 20% darker color. If you saturate the color by 10%, you get **60, 45.177, 281.200**, and if you desaturate by 10%, it is **70, 27.731, 276.421**.

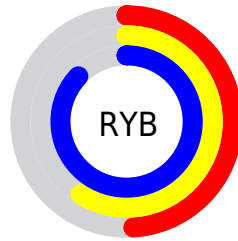
Distribution



Red (49%)

Green (62%)

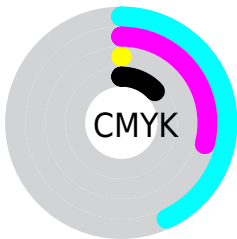
Blue (87%)



Red (49%)

Yellow (59%)

Blue (87%)

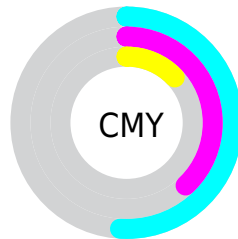


Cyan (43%)

Magenta (29%)

Yellow (0%)

Black (13%)



Cyan (51%)


Magenta (38%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 36.367, 278.630 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 65, 36.367, 278.630 by changing the saturation by 10% instead.


 65, 36.367,
278.630


 65, 36.367,
278.630


 100, 36.367,
278.630


 55, 36.367,
278.630


 85, 36.367,
278.630

 45, 36.367,
278.630

 95, 36.367,
278.630

 35, 36.367,
278.630

 25, 36.367,
278.630

 15, 36.367,
278.630

 5, 36.367, 278.630

 0, 36.367, 278.630

■ 65, 36.367,
278.630

■ 65, 36.367,
278.630

■ 60, 45.177,
281.200

■ 70, 27.731,
276.421

■ 55, 54.202,
284.151

■ 76, 19.246,
274.535

■ 50, 63.478,
287.459

■ 81, 10.899,
272.931

■ 45, 73.004,
291.034

■ 87, 2.683, 271.620

■ 92, 5.401, 90.284

■ 41, 82.668,
294.699

■ 97, 12.946, 95.143

■ 38, 89.104,
297.030

■ 99, 16.822,
108.906

Harmonies

Complementary

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



65, 36.367, 278.630



78, 36.610, 85.415

Rectangle

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



65, 36.367, 278.630



65, 36.367, 328.630



65, 36.367, 98.630



65, 36.367, 148.630

Sweetspot

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



65, 36.366, 278.630



92, 11.940, 272.903



82, 36.949, 168.006



48, 8.368, 273.236



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 36.366, 278.630



69, 49.334, 280.958



58, 54.831, 300.465



43, 4.601, 272.381



30, 72.883, 296.421



5, 22.631, 285.389

Inverse Universe

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



64, 40.847, 359.009



68, 54.809, 0.763



85, 49.180, 112.854



43, 5.092, 354.514



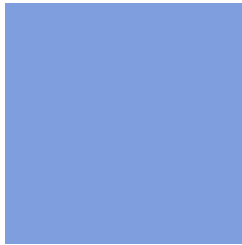
36, 64.647, 17.744



6, 23.998, 5.139

Previews

White Background



This preview shows how the CIELCh color 65, 36.367, 278.630 looks on a white background.

Color Contrast Check

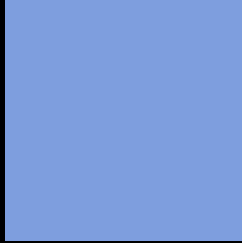
Large Text (above 18pt) WCAG AA × Fail

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 65, 36.367, 278.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

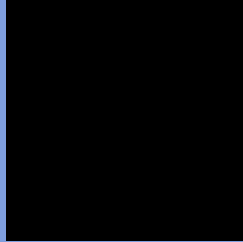
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

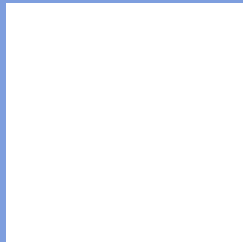
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 36.367, 278.630

Background



This preview shows how black text looks on a background with the CIELCh color 65, 36.367, 278.630.



This preview shows how white text looks on a background with the CIELCh color 65, 36.367, 278.630.

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

65, 36.367, 278.630

Protanopia

65, 36.315, 285.611

Deuteranopia

65, 37.002, 283.556



Tritanopia
65, 18.440, 221.347

Trichromacy



Original Color
65, 36.367, 278.630

Protanomaly
65, 36.464, 283.315

Deuteranomaly
65, 36.608, 281.524

Tritanomaly
65, 22.326, 251.944

Monochromacy



Original Color
65, 36.367, 278.630

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 13.389, 273.115

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 36.367, 278.630 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, 158, 222)` looks like.

```
.text, #text, p{  
    color:rgb(126, 158, 222)  
}
```

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, 158, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 158, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 36.367, 278.630 is called "border". The border property can be set on classes, ids or directly on the HTML element.

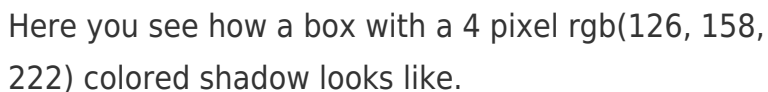
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 158, 222) }
```

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

```
.border{ border-color:rgb(126, 158, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 158, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 158, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 158, 222); box-shadow:4px 4px 4px 4px rgb(126, 158, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 36.367, 278.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 158, 222) }
```

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

```
.background{ background-color: rgb(126,  
158, 222) }
```

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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