

Converting Colors

CIELCh(65, 44.409, 282.155)

Have a look what the booklet for
CIELCh(65, 44.409, 282.155)
contains.

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Color

CIELCh(65, 44.455, 282.203)

Conversions

Conversions Part 1

Format	Color
Hex	7A9CEB
RGB	122, 156, 235
RGB Percent	48%, 61%, 92%
CMY	0.5204, 0.3871, 0.0772
CMYK	0.48, 0.34, 0.00, 0.08
HSL	222°, 74%, 70%
HSV	222°, 48%, 92%
XYZ	35.0447, 34.0472, 83.5556
YIQ	154.8400, -45.6230, 17.3610

Conversions

Conversions Part 2

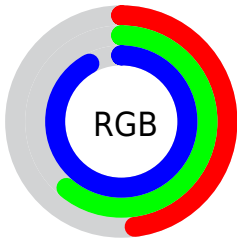
Format	Color
RYB	122, 148, 235
Decimal	8035563
CIELab	65.00, 9.40, -43.45
CIELCh	65, 44.455, 282.203
Yxy	34.0472, 0.2296, 0.2230
Android (android.graphics.Color)	4286225643 (0xFF7A9CEB)
YUV	154.8400, 39.5189, -28.8007
Hunter-Lab	58.3500, 5.0937, -44.0568

Details

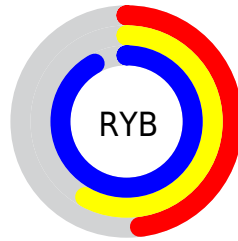
The CIELCh color **65, 44.455, 282.203** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **82, 43.764, 87.373**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 25.355, 269.489**, and **45, 44.673, 282.465** is the 20% darker color. If you saturate the color by 10%, you get **59, 54.361, 284.904**, and if you desaturate by 10%, it is **71, 34.808, 279.865**.

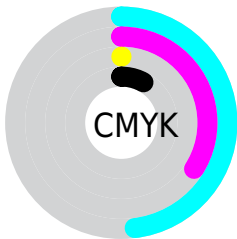
Distribution



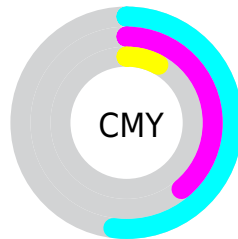
- Red (48%)
- Green (61%)
- Blue (92%)



- Red (48%)
- Yellow (58%)
- Blue (92%)



- Cyan (48%)
- Magenta (34%)
- Yellow (0%)
- Black (8%)





- Cyan (52%)
- Magenta (39%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 44.455, 282.203 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, 44.455, 282.203 by changing the saturation by 10% instead.

 65, 44.455,
282.203


 65, 44.455,
282.203


 100, 44.455,
282.203


 55, 44.455,
282.203


 85, 44.455,
282.203

 45, 44.455,
282.203

 95, 44.455,
282.203

 35, 44.455,
282.203

 25, 44.455,
282.203

 15, 44.455,
282.203

 5, 44.455, 282.203

 0, 44.455, 282.203

■ 65, 44.455,
282.203

■ 65, 44.455,
282.203

■ 59, 54.361,
284.904

■ 71, 34.808,
279.865

■ 54, 64.564,
287.963

■ 77, 25.387,
277.862

■ 49, 75.062,
291.317

■ 83, 16.166,
276.153

■ 44, 85.741,
294.822

■ 88, 7.131, 274.706

■ 39, 96.271,
298.231

■ 94, 1.728, 93.269

■ 39, 98.299,
298.844

■ 100, 9.967,
109.423

Harmonies

Complementary

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



65, 44.455, 282.203



82, 43.764, 87.373

Rectangle

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



65, 44.455, 282.203



65, 44.455, 332.203



65, 44.455, 102.203



65, 44.455, 152.203

Sweetspot

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



65, 44.454, 282.203



91, 13.353, 275.549



86, 41.325, 169.603



47, 9.237, 275.874



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, 44.454, 282.203



64, 58.016, 284.971



58, 64.431, 302.067



46, 5.043, 274.898



29, 79.401, 298.270



6, 27.939, 290.414

Inverse Universe

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



65, 47.118, 2.293



65, 60.357, 4.607



90, 57.065, 114.024



46, 5.292, 356.759



38, 67.751, 20.959



7, 27.799, 9.326

Previews

White Background



This preview shows how the CIE LCh color 65, 44.455, 282.203 looks on a white background.

Color Contrast Check

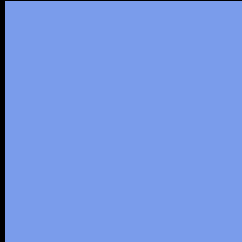
Large Text (above 18pt) WCAG AA × Fail

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, 44.455, 282.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

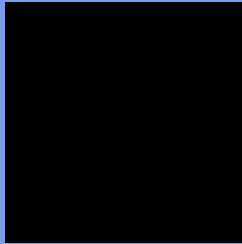
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

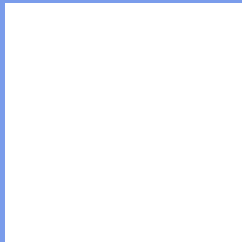
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 44.455, 282.203

Background



This preview shows how black text looks on a background with the CIELCh color 65, 44.455, 282.203.



This preview shows how white text looks on a background with the CIELCh color 65, 44.455, 282.203.

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, 44.455, 282.203

Protanopia

65, 44.148, 285.237

Deuteranopia

65, 44.455, 282.203



Tritanopia
65, 20.886, 219.975

Trichromacy



Original Color
65, 44.455, 282.203

Protanomaly
65, 44.257, 284.219

Deuteranomaly
65, 44.455, 282.203

Tritanomaly
65, 25.680, 254.557

Monochromacy



Original Color
65, 44.455, 282.203

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 16.585, 277.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 44.455, 282.203 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(122, 156, 235)` looks like.

```
.text, #text, p{  
    color:rgb(122, 156, 235)  
}
```

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(122, 156, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 156, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 44.455, 282.203 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(122, 156, 235) }
```

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

```
.border{ border-color:rgb(122, 156, 235) }
```

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

Here you see how a box with a 4 pixel rgb(122, 156, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 156, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 156, 235);  
box-shadow:4px 4px 4px 4px rgb(122, 156,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 44.455, 282.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 156, 235) }
```

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

```
.background{ background-color: rgb(122,  
156, 235) }
```

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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