

Converting Colors

CIELCh(65, 45.071, 281.817)

Have a look what the booklet for
CIELCh(65, 45.071, 281.817)
contains.

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Color

CIELCh(65, 45.557, 282.369)

Conversions

Conversions Part 1

Format	Color
Hex	799CED
RGB	121, 156, 237
RGB Percent	47%, 61%, 93%
CMY	0.5247, 0.3875, 0.0698
CMYK	0.49, 0.34, 0.00, 0.07
HSL	222°, 77%, 70%
HSV	222°, 49%, 93%
XYZ	35.1509, 34.0472, 84.9999
YIQ	154.7690, -46.8610, 17.7710

Conversions

Conversions Part 2

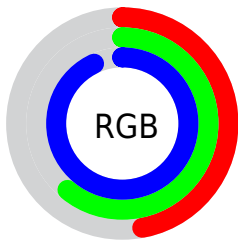
Format	Color
R _Y B	121, 148, 237
Decimal	7970029
CIE Lab	65.00, 9.76, -44.50
CIE LCh	65, 45.557, 282.369
Yxy	34.0472, 0.2280, 0.2208
Android (android.graphics.Color)	4286160109 (0xFF799CED)
YUV	154.7690, 40.5399, -29.6154
Hunter-Lab	58.3500, 5.4186, -45.5244

Details

The CIELCh color **65, 45.557, 282.369** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **83, 44.834, 87.175**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 25.460, 268.857**, and **45, 45.860, 282.592** is the 20% darker color. If you saturate the color by 10%, you get **59, 55.538, 285.107**, and if you desaturate by 10%, it is **71, 35.838, 279.997**.

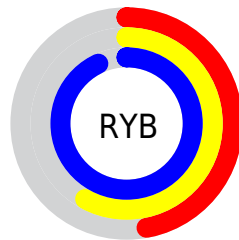
Distribution



Red (47%)

Green (61%)

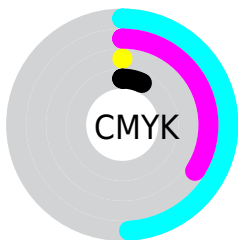
Blue (93%)



Red (47%)

Yellow (58%)

Blue (93%)

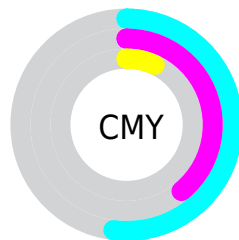


Cyan (49%)

Magenta (34%)

Yellow (0%)

Black (7%)



Cyan (52%)


Magenta (39%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 45.557, 282.369 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, 45.557, 282.369 by changing the saturation by 10% instead.


 65, 45.557,
282.369


 65, 45.557,
282.369


 100, 45.557,
282.369


 55, 45.557,
282.369


 85, 45.557,
282.369

 45, 45.557,
282.369

 95, 45.557,
282.369

 35, 45.557,
282.369

 25, 45.557,
282.369

 15, 45.557,
282.369

 5, 45.557, 282.369

 0, 45.557, 282.369

■ 65, 45.557,
282.369

■ 65, 45.557,
282.369

■ 59, 55.538,
285.107

■ 71, 35.838,
279.997

■ 54, 65.819,
288.200

■ 77, 26.349,
277.963

■ 49, 76.393,
291.580

■ 83, 17.063,
276.228

■ 44, 87.130,
295.094

■ 89, 7.962, 274.756

■ 40, 97.683,
298.478

■ 94, 0.961, 93.189

■ 39, 98.813,
298.815

■ 100, 9.006,
109.495

Harmonies

Complementary

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



65, 45.557, 282.369



83, 44.834, 87.175

Rectangle

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



65, 45.557, 282.369



65, 45.557, 332.369



65, 45.557, 102.369



65, 45.557, 152.369

Sweetspot

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



65, 45.556, 282.369



91, 14.306, 275.632



86, 42.248, 169.480



47, 9.780, 275.956



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, 45.556, 282.369



63, 59.015, 285.203



58, 66.138, 302.183



47, 5.128, 274.835



30, 80.206, 298.260



6, 29.363, 291.477

Inverse Universe

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



65, 48.301, 2.410



65, 61.325, 4.796



90, 58.405, 113.970



47, 5.389, 356.699



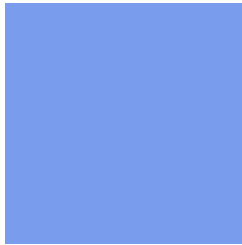
39, 68.452, 20.941



8, 28.779, 10.202

Previews

White Background



This preview shows how the CIE LCh color 65, 45.557, 282.369 looks on a white background.

Color Contrast Check

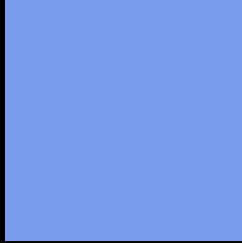
Large Text (above 18pt) WCAG AA × Fail

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, 45.557, 282.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

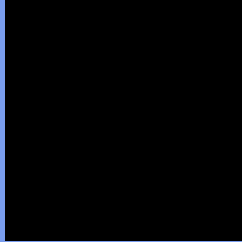
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

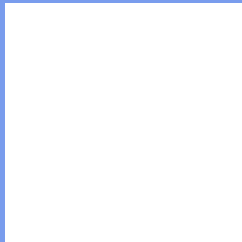
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 45.557, 282.369

Background



This preview shows how black text looks on a background with the CIELCh color 65, 45.557, 282.369.



This preview shows how white text looks on a background with the CIELCh color 65, 45.557, 282.369.

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, 45.557, 282.369

Protanopia

65, 45.810, 285.850

Deuteranopia

65, 45.071, 281.457



Tritanopia
65, 21.382, 219.404

Trichromacy



Original Color
65, 45.557, 282.369

Protanomaly
65, 45.364, 284.311

Deuteranomaly
65, 45.071, 281.457

Tritanomaly
65, 25.979, 253.588

Monochromacy



Original Color
65, 45.557, 282.369

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 17.121, 277.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 45.557, 282.369 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(121, 156, 237)` looks like.

```
.text, #text, p{  
    color:rgb(121, 156, 237)  
}
```

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(121, 156, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 156, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 45.557, 282.369 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(121, 156, 237) }
```

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

```
.border{ border-color:rgb(121, 156, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 156, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 156, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 156, 237);  
box-shadow:4px 4px 4px 4px rgb(121, 156,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 45.557, 282.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 156, 237) }
```

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

```
.background{ background-color: rgb(121,  
156, 237) }
```

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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