

Converting Colors

CIELCh(65, 43.286, 275.779)

Have a look what the booklet for
CIELCh(65, 43.286, 275.779)
contains.

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Color

CIELCh(65, 43.653, 275.975)

Conversions

Conversions Part 1

Format	Color
Hex	6C9FEB
RGB	108, 159, 235
RGB Percent	42%, 62%, 92%
CMY	0.5759, 0.3759, 0.0778
CMYK	0.54, 0.32, 0.00, 0.08
HSL	216°, 76%, 67%
HSV	216°, 54%, 92%
XYZ	33.6409, 34.0472, 83.5082
YIQ	152.4150, -54.7920, 12.8240

Conversions

Conversions Part 2

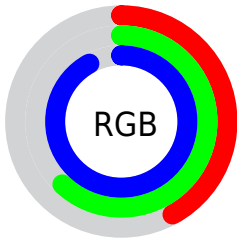
Format	Color
R _Y B	108, 144, 235
Decimal	7118827
CIE Lab	65.00, 4.54, -43.42
CIE LCh	65, 43.653, 275.975
Yxy	34.0472, 0.2225, 0.2252
Android (android.graphics.Color)	4285308907 (0xFF6C9FEB)
YUV	152.4150, 40.7144, -38.9520
Hunter-Lab	58.3500, 0.7993, -44.0085

Details

The CIELCh color `65, 43.653, 275.975` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `78, 46.308, 77.936`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 25.976, 258.021`, and `45, 43.762, 276.069` is the 20% darker color. If you saturate the color by 10%, you get `60, 51.944, 279.124`, and if you desaturate by 10%, it is `70, 35.458, 273.250`.

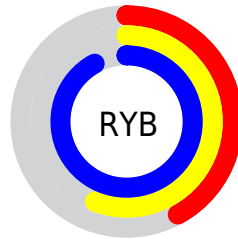
Distribution



Red (42%)

Green (62%)

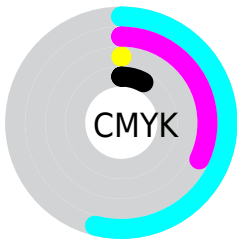
Blue (92%)



Red (42%)

Yellow (56%)

Blue (92%)

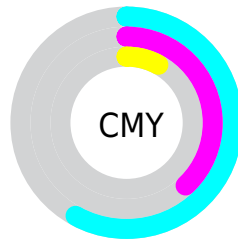


Cyan (54%)

Magenta (32%)

Yellow (0%)

Black (8%)



Cyan (58%)


Magenta (38%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 43.653, 275.975 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, 43.653, 275.975 by changing the saturation by 10% instead.


 65, 43.653,
275.975


 65, 43.653,
275.975


 100, 43.653,
275.975


 55, 43.653,
275.975


 85, 43.653,
275.975

 45, 43.653,
275.975

 95, 43.653,
275.975

 35, 43.653,
275.975

 25, 43.653,
275.975

 15, 43.653,
275.975

 5, 43.653, 275.975

 0, 43.653, 275.975

65, 43.653,
275.975

65, 43.653,
275.975

60, 51.944,
279.124

70, 35.458,
273.250

55, 60.392,
282.681

75, 27.326,
270.921

51, 69.051,
286.566

80, 19.238,
268.942

47, 77.929,
290.610

86, 11.192,
267.268

44, 83.330,
292.953

91, 3.196, 265.903

96, 4.741, 84.498

100, 10.048,
109.417

Harmonies

Complementary

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



65, 43.653, 275.975



78, 46.308, 77.936

Rectangle

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



65, 43.653, 275.975



65, 43.653, 325.975



65, 43.653, 95.975



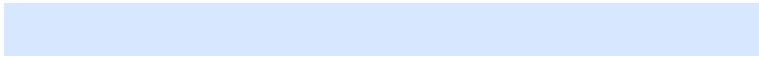
65, 43.653, 145.975

Sweetspot

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



65, 43.652, 275.976



91, 13.662, 267.591



85, 49.847, 162.340



47, 9.230, 267.925



0, 0.000, 0.000



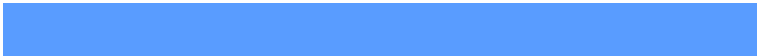
53, 0.007, 296.813

Same Dimension

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



65, 43.652, 275.976



64, 56.369, 279.558



53, 73.152, 300.332



46, 4.526, 266.601



34, 67.296, 292.254



7, 24.366, 284.923

Inverse Universe

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



62, 54.336, 356.268



62, 68.016, 358.820



90, 62.839, 109.049



46, 5.596, 350.137



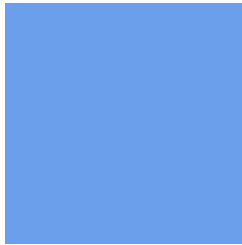
38, 65.553, 11.445



7, 27.965, 2.756

Previews

White Background



This preview shows how the CIELCh color 65, 43.653, 275.975 looks on a white background.

Color Contrast Check

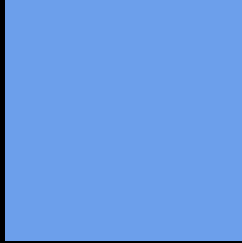
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 43.653, 275.975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

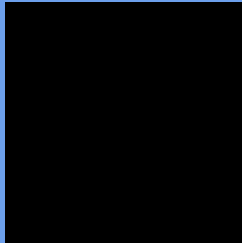
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

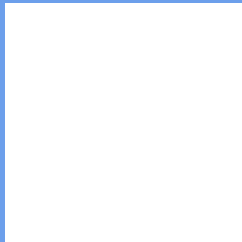
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 43.653, 275.975

Background



This preview shows how black text looks on a background with the CIELCh color 65, 43.653, 275.975.



This preview shows how white text looks on a background with the CIELCh color 65, 43.653, 275.975.

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, 43.653, 275.975

Protanopia

65, 43.051, 285.589

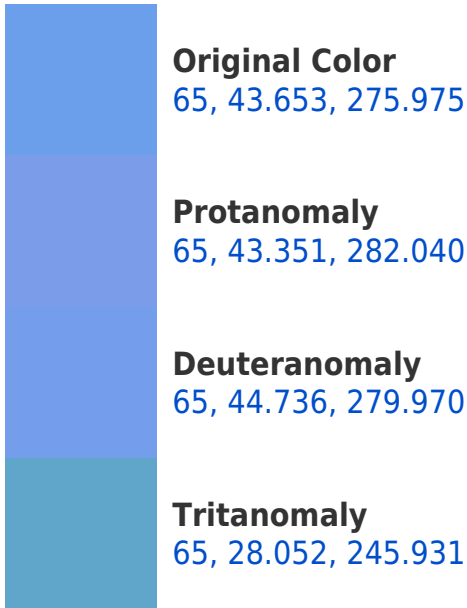
Deuteranopia

65, 45.027, 282.129

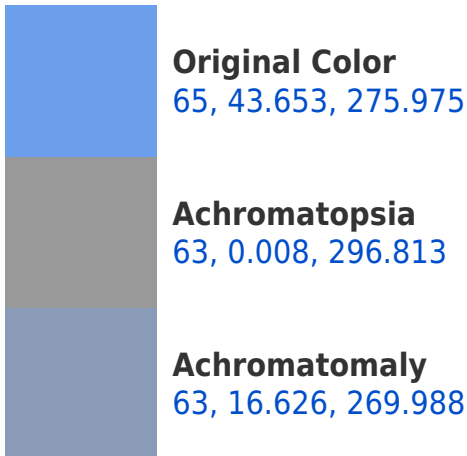


Tritanopia
65, 25.339, 215.599

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 43.653, 275.975 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(108, 159, 235)` looks like.

```
.text, #text, p{  
    color:rgb(108, 159, 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(108, 159, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 159, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 43.653, 275.975 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(108, 159, 235) }
```

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

```
.border{ border-color:rgb(108, 159, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 159, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 159, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 159, 235);  
box-shadow:4px 4px 4px 4px rgb(108, 159,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 43.653, 275.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 159, 235) }
```

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

```
.background{ background-color: rgb(108,  
159, 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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