

Converting Colors

CIELCh(65, 37.933, 275.723)

Have a look what the booklet for
CIELCh(65, 37.933, 275.723)
contains.

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Color

CIELCh(65, 37.933, 275.723)

Conversions

Conversions Part 1

Format	Color
Hex	769FE1
RGB	118, 159, 225
RGB Percent	46%, 62%, 88%
CMY	0.5376, 0.3768, 0.1180
CMYK	0.48, 0.29, 0.00, 0.12
HSL	217°, 64%, 67%
HSV	217°, 48%, 88%
XYZ	33.4241, 34.0472, 75.9844
YIQ	154.2650, -45.6220, 11.8340

Conversions

Conversions Part 2

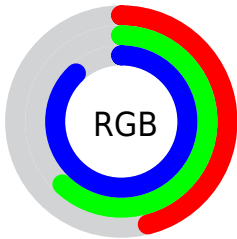
Format	Color
R _Y B	118, 148, 225
Decimal	7774177
CIE Lab	65.00, 3.78, -37.74
CIE LCh	65, 37.933, 275.723
Yxy	34.0472, 0.2330, 0.2373
Android (android.graphics.Color)	4285964257 (0xFF769FE1)
YUV	154.2650, 34.8724, -31.8044
Hunter-Lab	58.3500, 0.1361, -36.3636

Details

The CIELCh color `65, 37.933, 275.723` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `77, 39.492, 80.531`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 24.733, 263.188`, and `45, 37.658, 275.602` is the 20% darker color. If you saturate the color by 10%, you get `60, 46.145, 278.553`, and if you desaturate by 10%, it is `70, 29.823, 273.290`.

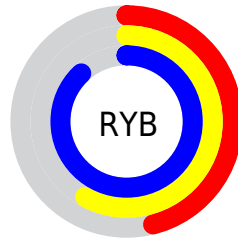
Distribution



Red (46%)

Green (62%)

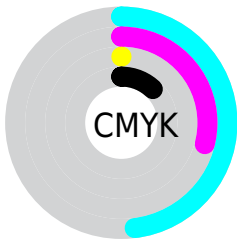
Blue (88%)



Red (46%)

Yellow (58%)

Blue (88%)

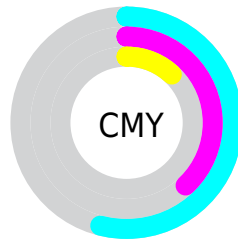


Cyan (48%)

Magenta (29%)

Yellow (0%)

Black (12%)



Cyan (54%)


Magenta (38%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 37.933, 275.723 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, 37.933, 275.723 by changing the saturation by 10% instead.


 65, 37.933,
275.723


 65, 37.933,
275.723


 100, 37.933,
275.723


 55, 37.933,
275.723


 85, 37.933,
275.723

 45, 37.933,
275.723

 95, 37.933,
275.723

 35, 37.933,
275.723

 25, 37.933,
275.723

 15, 37.933,
275.723

 5, 37.933, 275.723

 0, 37.933, 275.723

65, 37.933,
275.723

65, 37.933,
275.723

60, 46.145,
278.553

70, 29.823,
273.290

55, 54.505,
281.793

75, 21.792,
271.216

51, 63.063,
285.405

80, 13.829,
269.454

46, 71.848,
289.274

86, 5.936, 267.973

42, 80.801,
293.189

91, 1.883, 86.467

41, 82.991,
294.076

96, 9.618, 85.482

99, 15.220,
109.027

Harmonies

Complementary

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



65, 37.933, 275.723



77, 39.492, 80.531

Rectangle

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



65, 37.933, 275.723



65, 37.933, 325.723



65, 37.933, 95.723



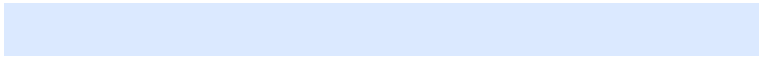
65, 37.933, 145.723

Sweetspot

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



65, 37.932, 275.723



92, 12.182, 268.908



82, 41.814, 165.302



48, 8.418, 269.246



0, 0.000, 0.000



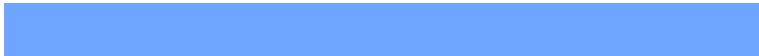
53, 0.007, 296.813

Same Dimension

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



65, 37.932, 275.723



68, 50.579, 278.501



55, 61.414, 300.128



44, 4.446, 268.228



32, 67.889, 293.417



6, 22.631, 283.951

Inverse Universe

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



63, 46.176, 356.295



66, 60.538, 358.243



87, 54.165, 111.051



44, 5.337, 351.274



37, 64.392, 13.084



6, 25.610, 2.819

Previews

White Background



This preview shows how the CIELCh color 65, 37.933, 275.723 looks on a white background.

Color Contrast Check

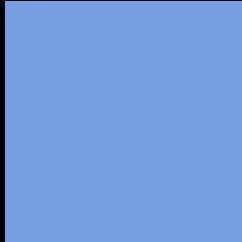
Large Text (above 18pt) WCAG AA × Fail

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, 37.933, 275.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

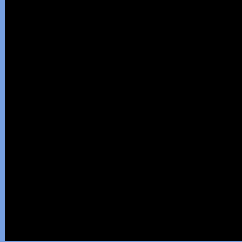
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

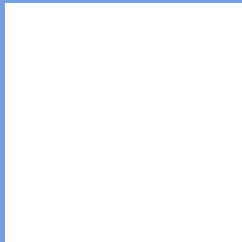
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 37.933, 275.723

Background



This preview shows how black text looks on a background with the CIELCh color 65, 37.933, 275.723.

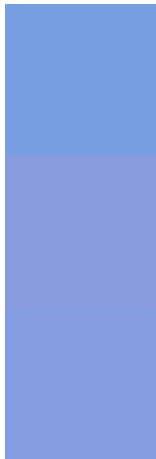


This preview shows how white text looks on a background with the CIELCh color 65, 37.933, 275.723.

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, 37.933, 275.723

Protanopia
65, 37.467, 285.126

Deuteranopia
65, 39.274, 283.255

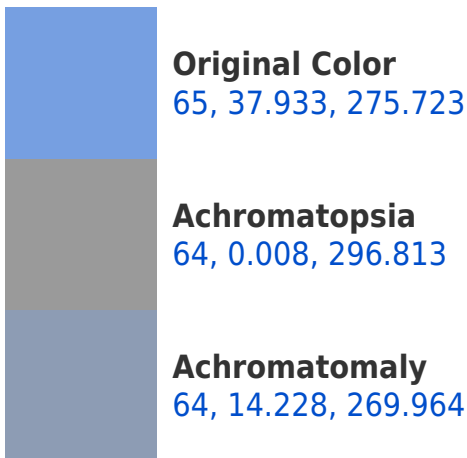


Tritanopia
65, 21.135, 219.685

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 37.933, 275.723 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(118, 159, 225)` looks like.

```
.text, #text, p{  
    color:rgb(118, 159, 225)  
}
```

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(118, 159, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 159, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 37.933, 275.723 is called "border". The border property can be set on classes, ids or directly on the HTML element.

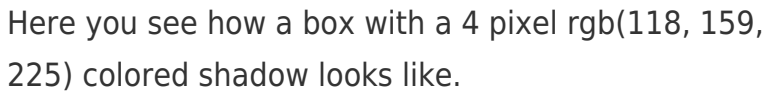
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 159, 225) }
```

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

```
.border{ border-color:rgb(118, 159, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 159, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 159, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 159, 225); box-shadow:4px 4px 4px 4px rgb(118, 159, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 37.933, 275.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 159, 225) }
```

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

```
.background{ background-color: rgb(118,  
159, 225) }
```

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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