

Converting Colors

CIELCh(65, 37.508, 263.492)

Have a look what the booklet for
CIELCh(65, 37.508, 263.492)
contains.

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Color

CIELCh(65, 37.655, 263.853)

Conversions

Conversions Part 1

Format	Color
Hex	5EA3E0
RGB	94, 163, 224
RGB Percent	37%, 64%, 88%
CMY	0.6305, 0.3600, 0.1208
CMYK	0.58, 0.27, 0.00, 0.12
HSL	208°, 68%, 62%
HSV	208°, 58%, 88%
XYZ	31.2525, 34.0472, 75.5926
YIQ	149.3230, -60.7050, 4.3430

Conversions

Conversions Part 2

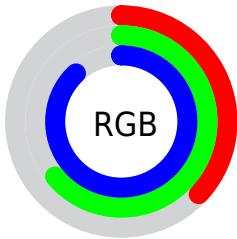
Format	Color
RYB	94, 139, 224
Decimal	6202336
CIELab	65.00, -4.03, -37.44
CIELCh	65, 37.655, 263.853
Yxy	34.0472, 0.2218, 0.2417
Android (android.graphics.Color)	4284392416 (0xFF5EA3E0)
YUV	149.3230, 36.8158, -48.5183
Hunter-Lab	58.3500, -6.5069, -35.9654

Details

The CIELCh color **65, 37.655, 263.853** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **70, 46.261, 65.112**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 27.016, 245.088**, and **45, 37.276, 263.127** is the 20% darker color. If you saturate the color by 10%, you get **61, 43.554, 267.366**, and if you desaturate by 10%, it is **69, 31.583, 260.864**.

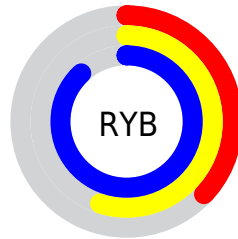
Distribution



Red (37%)

Green (64%)

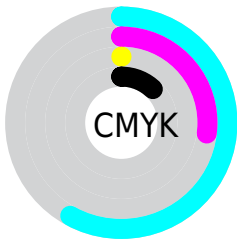
Blue (88%)



Red (37%)

Yellow (55%)

Blue (88%)

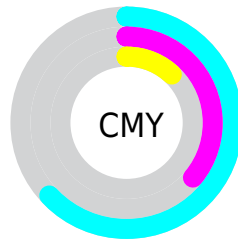


Cyan (58%)

Magenta (27%)

Yellow (0%)

Black (12%)



Cyan (63%)


Magenta (36%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 37.655, 263.853 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, 37.655, 263.853 by changing the saturation by 10% instead.


 65, 37.655,
263.853


 65, 37.655,
263.853


 100, 37.655,
263.853


 55, 37.655,
263.853


 85, 37.655,
263.853

 45, 37.655,
263.853

 95, 37.655,
263.853

 35, 37.655,
263.853

 25, 37.655,
263.853

 15, 37.655,
263.853

 5, 37.655, 263.853

 0, 37.655, 263.853

65, 37.655,
263.853

65, 37.655,
263.853

61, 43.554,
267.366

69, 31.583,
260.864

58, 49.350,
271.403

73, 25.315,
258.355

54, 55.153,
275.887

77, 18.856,
256.262

51, 61.097,
280.616

81, 12.230,
254.524

50, 62.339,
281.533

86, 5.471, 253.104

90, 1.388, 71.488

94, 8.313, 70.704

97, 12.103, 95.960

99, 15.578,

109.000

Harmonies

Complementary

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



65, 37.655, 263.853



70, 46.261, 65.112

Rectangle

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



65, 37.655, 263.853



65, 37.655, 313.853



65, 37.655, 83.853



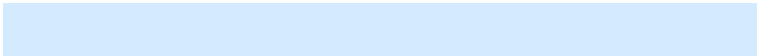
65, 37.655, 133.853

Sweetspot

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



65, 37.654, 263.853



92, 12.849, 254.391



81, 56.566, 155.505



48, 8.580, 254.711



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, 37.654, 263.853



68, 49.623, 268.338



48, 73.465, 298.067



45, 3.893, 253.291



40, 51.220, 280.715



9, 18.018, 271.176

Inverse Universe

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



59, 58.918, 348.411



61, 75.243, 350.755



86, 62.437, 103.164



44, 5.866, 342.763



38, 64.593, 358.968



6, 26.765, 352.455

Previews

White Background



This preview shows how the CIELCh color 65, 37.655, 263.853 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, 37.655, 263.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

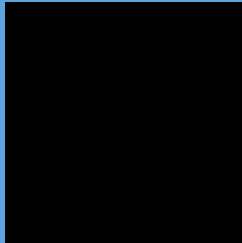
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 37.655, 263.853

Background



This preview shows how black text looks on a background with the CIELCh color 65, 37.655, 263.853.

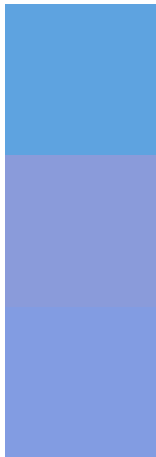


This preview shows how white text looks on a background with the CIELCh color 65, 37.655, 263.853.

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, 37.655, 263.853

Protanopia
65, 35.230, 285.195

Deuteranopia
65, 39.316, 282.858



Tritanopia
65, 27.989, 212.413

Trichromacy



Original Color
65, 37.655, 263.853

Protanomaly
65, 35.580, 276.260

Deuteranomaly
65, 38.000, 275.353

Tritanomaly
65, 28.738, 235.059

Monochromacy



Original Color
65, 37.655, 263.853

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 14.779, 255.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 37.655, 263.853 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(94, 163, 224)` looks like.

```
.text, #text, p{  
    color:rgb(94, 163, 224)  
}
```

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(94, 163, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 163, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 37.655, 263.853 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(94, 163, 224) }
```

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

```
.border{ border-color:rgb(94, 163, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 163, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 163, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 163, 224);  
box-shadow:4px 4px 4px 4px rgb(94, 163,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 37.655, 263.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 163, 224) }
```

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

```
.background{ background-color: rgb(94, 163,  
224) }
```

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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