

Converting Colors

CIELCh(65, 27.324, 249.528)

Have a look what the booklet for
CIELCh(65, 27.324, 249.528)
contains.

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Color

CIELCh(65, 27.324, 249.528)

Conversions

Conversions Part 1

Format	Color
Hex	67A5CB
RGB	103, 165, 203
RGB Percent	40%, 65%, 80%
CMY	0.5966, 0.3534, 0.2044
CMYK	0.49, 0.19, 0.00, 0.20
HSL	203°, 49%, 60%
HSV	203°, 49%, 80%
XYZ	29.7756, 34.0472, 61.4217
YIQ	150.7940, -49.1500, -1.3260

Conversions

Conversions Part 2

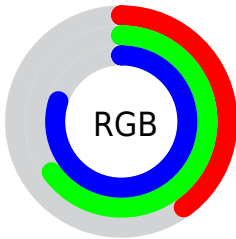
Format	Color
R _{YB}	103, 141, 203
Decimal	6792651
CIE Lab	65.00, -9.56, -25.60
CIE LCh	65, 27.324, 249.528
Yxy	34.0472, 0.2377, 0.2718
Android (android.graphics.Color)	4284982731 (0xFF67A5CB)
YUV	150.7940, 25.7376, -41.9153
Hunter-Lab	58.3500, -11.0252, -21.5663

Details

The CIELCh color **65, 27.324, 249.528** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **64, 35.350, 57.073**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 25.614, 244.854**, and **45, 27.525, 250.035** is the 20% darker color. If you saturate the color by 10%, you get **62, 31.934, 252.379**, and if you desaturate by 10%, it is **68, 22.348, 247.188**.

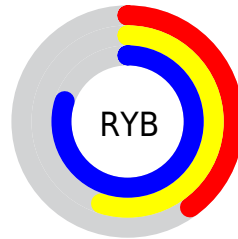
Distribution



Red (40%)

Green (65%)

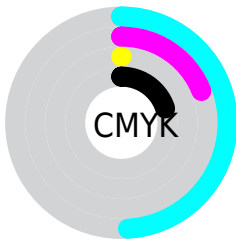
Blue (80%)



Red (40%)

Yellow (55%)

Blue (80%)

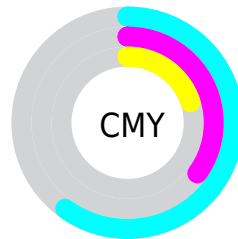


Cyan (49%)

Magenta (19%)

Yellow (0%)

Black (20%)



Cyan (60%)


Magenta (35%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 27.324, 249.528 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, 27.324, 249.528 by changing the saturation by 10% instead.


 65, 27.324,
249.528


 65, 27.324,
249.528


 100, 27.324,
249.528


 55, 27.324,
249.528


 85, 27.324,
249.528

 45, 27.324,
249.528

 95, 27.324,
249.528

 35, 27.324,
249.528

 25, 27.324,
249.528

 15, 27.324,
249.528

 5, 27.324, 249.528

 0, 27.324, 249.528

65, 27.324,
249.528

65, 27.324,
249.528

62, 31.934,
252.379

68, 22.348,
247.188

59, 36.185,
255.813

72, 17.038,
245.283

56, 40.128,
259.866

75, 11.438,
243.738

54, 43.870,
264.504

78, 5.600, 242.509

51, 47.598,
269.494

82, 0.427, 60.300

85, 6.596, 60.454

51, 47.873,
269.835

89, 12.868, 59.776

92, 16.336, 67.882

94, 17.932, 82.920

Harmonies

Complementary

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



65, 27.324, 249.528



64, 35.350, 57.073

Rectangle

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



65, 27.324, 249.528



65, 27.324, 299.528



65, 27.324, 69.528



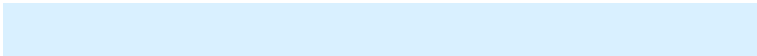
65, 27.324, 119.528

Sweetspot

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



65, 27.323, 249.527



94, 10.783, 243.198



74, 49.094, 152.312



49, 7.330, 243.474



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, 27.323, 249.527



76, 38.201, 252.536



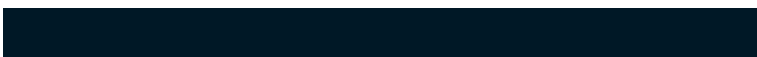
52, 50.310, 291.925



41, 3.434, 242.520



42, 40.756, 269.029



7, 13.042, 257.354

Inverse Universe

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



57, 49.626, 342.061



66, 69.625, 343.348



76, 45.656, 98.684



40, 5.771, 338.364



36, 63.993, 350.936



4, 21.408, 345.836

Previews

White Background



This preview shows how the CIE LCh color 65, 27.324, 249.528 looks on a white background.

Color Contrast Check

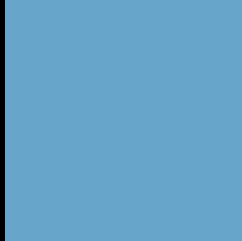
Large Text (above 18pt) WCAG AA × Fail

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, 27.324, 249.528 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, 27.324, 249.528

Background



This preview shows how black text looks on a background with the CIELCh color 65, 27.324, 249.528.

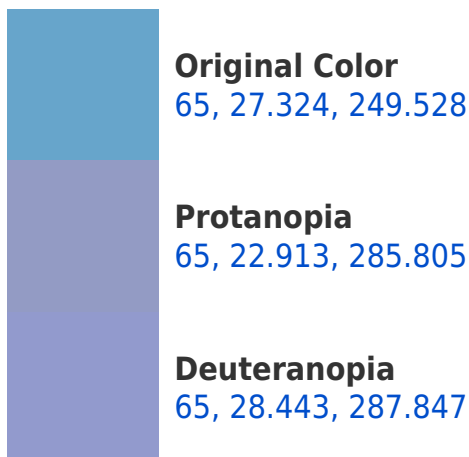



This preview shows how white text looks on a background with the CIELCh color 65, 27.324, 249.528.

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





Tritanopia
65, 23.695, 215.563

Trichromacy



Original Color
65, 27.324, 249.528

Protanomaly
65, 23.180, 269.297

Deuteranomaly
65, 26.743, 273.370

Tritanomaly
65, 24.220, 228.474

Monochromacy



Original Color
65, 27.324, 249.528

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 11.124, 243.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 27.324, 249.528 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(103, 165, 203)` looks like.

```
.text, #text, p{  
    color:rgb(103, 165, 203)  
}
```

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(103, 165, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 165, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 27.324, 249.528 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(103, 165, 203) }
```

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

```
.border{ border-color:rgb(103, 165, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 165, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 165, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 165, 203);  
box-shadow:4px 4px 4px 4px rgb(103, 165,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 27.324, 249.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 165, 203) }
```

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

```
.background{ background-color: rgb(103,  
165, 203) }
```

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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