

Converting Colors

CIELCh(65, 24.808, 240.737)

Have a look what the booklet for
CIELCh(65, 24.808, 240.737)
contains.

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Color

CIELCh(65, 24.817, 240.804)

Conversions

Conversions Part 1

Format	Color
Hex	67A6C4
RGB	103, 166, 196
RGB Percent	40%, 65%, 77%
CMY	0.5969, 0.3498, 0.2322
CMYK	0.47, 0.15, 0.00, 0.23
HSL	199°, 44%, 59%
HSV	199°, 47%, 77%
XYZ	29.1100, 34.0472, 57.1386
YIQ	150.5830, -47.1780, -4.0260

Conversions

Conversions Part 2

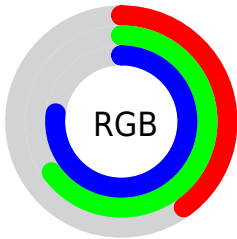
Format	Color
RYB	103, 141, 196
Decimal	6792900
CIELab	65.00, -12.11, -21.66
CIElCh	65, 24.817, 240.804
Yxy	34.0472, 0.2420, 0.2830
Android (android.graphics.Color)	4284982980 (0xFF67A6C4)
YUV	150.5830, 22.3906, -41.7303
Hunter-Lab	58.3500, -13.0611, -17.2141

Details

The CIELCh color **65, 24.817, 240.804** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **61, 33.228, 51.372**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 24.856, 241.397**, and **45, 24.742, 240.789** is the 20% darker color. If you saturate the color by 10%, you get **62, 28.923, 243.259**, and if you desaturate by 10%, it is **68, 20.252, 238.831**.

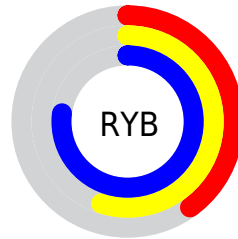
Distribution



Red (40%)

Green (65%)

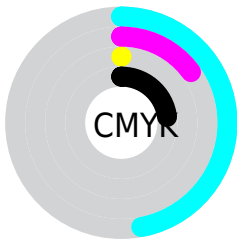
Blue (77%)



Red (40%)

Yellow (55%)

Blue (77%)

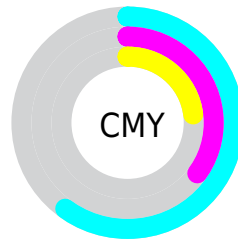


Cyan (47%)

Magenta (15%)

Yellow (0%)

Black (23%)



Cyan (60%)


Magenta (35%)

Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 24.817, 240.804 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, 24.817, 240.804 by changing the saturation by 10% instead.


 65, 24.817,
240.804


 65, 24.817,
240.804


 100, 24.817,
240.804


 55, 24.817,
240.804


 85, 24.817,
240.804

 45, 24.817,
240.804


 95, 24.817,
240.804

 35, 24.817,
240.804

 25, 24.817,
240.804

 15, 24.817,
240.804

 5, 24.817, 240.804

 0, 24.817, 240.804

65, 24.817,
240.804

65, 24.817,
240.804

62, 28.923,
243.259

68, 20.252,
238.831

60, 32.550,
246.288

71, 15.279,
237.260

57, 35.719,
249.960

74, 9.959, 236.018

55, 38.513,
254.300

77, 4.355, 235.077

80, 1.473, 53.835

53, 41.094,
259.205

83, 7.472, 53.458

53, 41.759,
260.422

86, 13.597, 52.971

89, 18.357, 55.412

91, 18.693, 67.477

Harmonies

Complementary

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



65, 24.817, 240.804



61, 33.228, 51.372

Rectangle

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



65, 24.817, 240.804



65, 24.817, 290.804



65, 24.817, 60.804



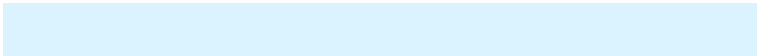
65, 24.817, 110.804

Sweetspot

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



65, 24.816, 240.803



95, 9.945, 235.675



72, 47.974, 150.549



50, 6.834, 235.901



0, 0.000, 0.000



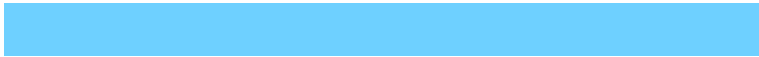
53, 0.007, 296.813

Same Dimension

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



65, 24.816, 240.803



79, 35.475, 243.369



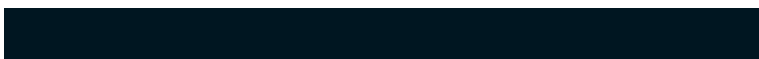
52, 44.100, 289.027



39, 3.254, 235.226



43, 35.773, 259.599



6, 10.735, 248.743

Inverse Universe

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



56, 48.342, 338.988



67, 70.121, 340.054



73, 41.007, 95.859



38, 5.762, 335.824



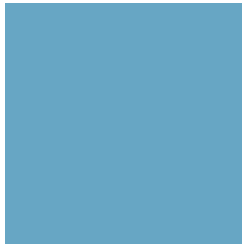
35, 64.570, 346.319



3, 17.913, 341.570

Previews

White Background



This preview shows how the CIELCh color 65, 24.817, 240.804 looks on a white background.

Color Contrast Check

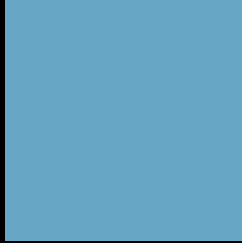
Large Text (above 18pt) WCAG AA × Fail

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, 24.817, 240.804 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, 24.817, 240.804

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.817, 240.804.

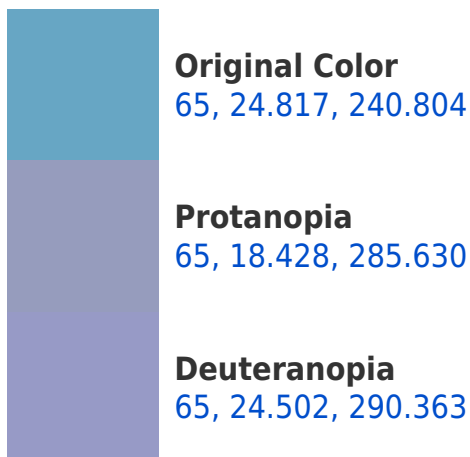


This preview shows how white text looks on a background with the CIELCh color 65, 24.817, 240.804.

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



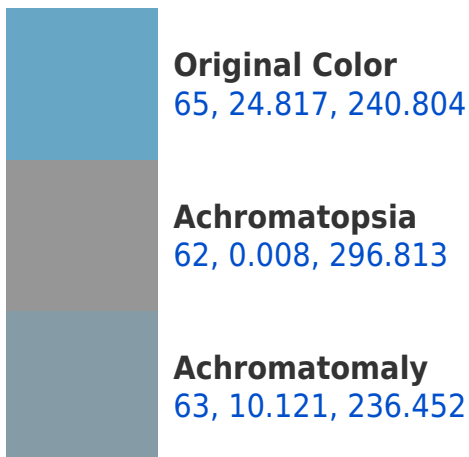


Tritanopia
65, 23.070, 217.621

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.817, 240.804 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, 166, 196)` looks like.

```
.text, #text, p{  
    color:rgb(103, 166, 196)  
}
```

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, 166, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 166, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.817, 240.804 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, 166, 196) }
```

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

```
.border{ border-color:rgb(103, 166, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 166, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 166, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 166, 196);  
box-shadow:4px 4px 4px 4px rgb(103, 166,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.817, 240.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 166, 196) }
```

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

```
.background{ background-color: rgb(103,  
166, 196) }
```

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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