

Converting Colors

CIELCh(65, 24.112, 253.039)

Have a look what the booklet for
CIELCh(65, 24.112, 253.039)
contains.

CIELCh(65, 24.009, 253.298)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 24.009, 253.298)

Conversions

Conversions Part 1

Format	Color
Hex	73A3C6
RGB	115, 163, 198
RGB Percent	45%, 64%, 78%
CMY	0.5479, 0.3597, 0.2224
CMYK	0.42, 0.18, 0.00, 0.22
HSL	205°, 42%, 61%
HSV	205°, 42%, 78%
XYZ	30.4798, 34.0472, 58.5656
YIQ	152.6380, -39.8430, 0.7090

Conversions

Conversions Part 2

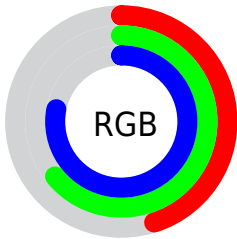
Format	Color
R _Y B	115, 145, 198
Decimal	7578566
CIE Lab	65.00, -6.90, -23.00
CIE LCh	65, 24.009, 253.298
Yxy	34.0472, 0.2476, 0.2766
Android (android.graphics.Color)	4285768646 (0xFF73A3C6)
YUV	152.6380, 22.3635, -33.0085
Hunter-Lab	58.3500, -8.8707, -18.6642

Details

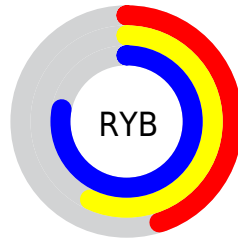
The CIELCh color **65, 24.009, 253.298** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **66, 28.770, 62.089**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 24.048, 253.253**, and **45, 24.104, 253.898** is the 20% darker color. If you saturate the color by 10%, you get **62, 29.155, 255.878**, and if you desaturate by 10%, it is **68, 18.599, 251.164**.

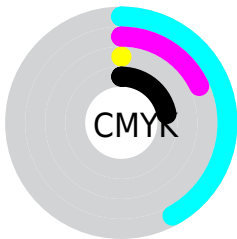
Distribution



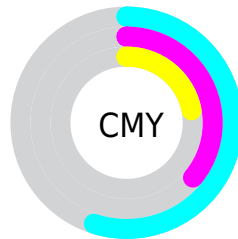
- Red (45%)
- Green (64%)
- Blue (78%)



- Red (45%)
- Yellow (57%)
- Blue (78%)



- Cyan (42%)
- Magenta (18%)
- Yellow (0%)
- Black (22%)



- Cyan (55%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 24.009, 253.298 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, 24.009, 253.298 by changing the saturation by 10% instead.

■ 65, 24.009,
253.298

■ 65, 24.009,
253.298

■ 100, 24.009,
253.298

■ 55, 24.009,
253.298

■ 85, 24.009,
253.298

■ 45, 24.009,
253.298

■ 95, 24.009,
253.298

■ 35, 24.009,
253.298

■ 25, 24.009,
253.298

■ 15, 24.009,
253.298

■ 5, 24.009, 253.298

■ 0, 24.009, 253.298

65, 24.009,
253.298

65, 24.009,
253.298

62, 29.155,
255.878

68, 18.599,
251.164

58, 34.030,
258.975

72, 12.958,
249.408

55, 38.659,
262.638

76, 7.122, 247.976

52, 43.112,
266.864

79, 1.134, 247.081

83, 4.969, 65.609

49, 47.508,
271.571

87, 11.152, 64.807

47, 51.172,
275.510

90, 17.386, 64.101

93, 18.984, 78.960

95, 21.521, 91.637

Harmonies

Complementary

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



65, 24.009, 253.298



66, 28.770, 62.089

Rectangle

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



65, 24.009, 253.298



65, 24.009, 303.298



65, 24.009, 73.298



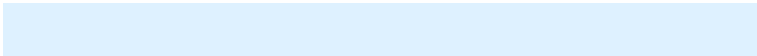
65, 24.009, 123.298

Sweetspot

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



65, 24.008, 253.297



94, 9.559, 248.149



74, 39.695, 155.448



49, 6.670, 248.453



0, 0.000, 0.000



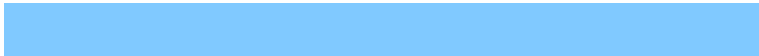
53, 0.007, 296.813

Same Dimension

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



65, 24.008, 253.297



78, 34.557, 255.565



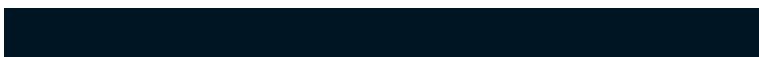
54, 43.866, 292.591



40, 3.424, 247.671



39, 43.753, 274.745



6, 12.797, 262.424

Inverse Universe

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



59, 40.736, 343.429



70, 58.950, 344.493



77, 40.072, 102.231



39, 5.488, 340.345



35, 62.114, 354.454



4, 18.734, 348.150

Previews

White Background



This preview shows how the CIE LCh color 65, 24.009, 253.298 looks on a white background.

Color Contrast Check

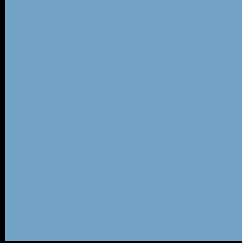
Large Text (above 18pt) WCAG AA × Fail

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, 24.009, 253.298 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, 24.009, 253.298

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.009, 253.298.

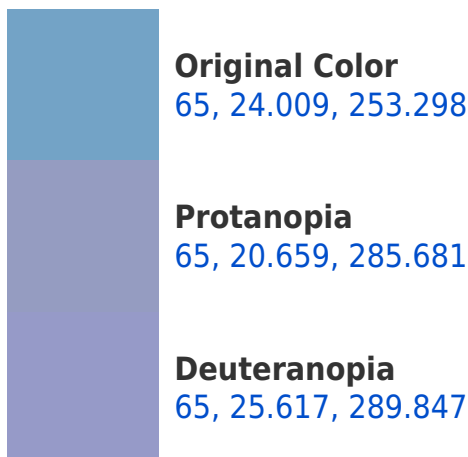


This preview shows how white text looks on a background with the CIELCh color 65, 24.009, 253.298.

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](#).

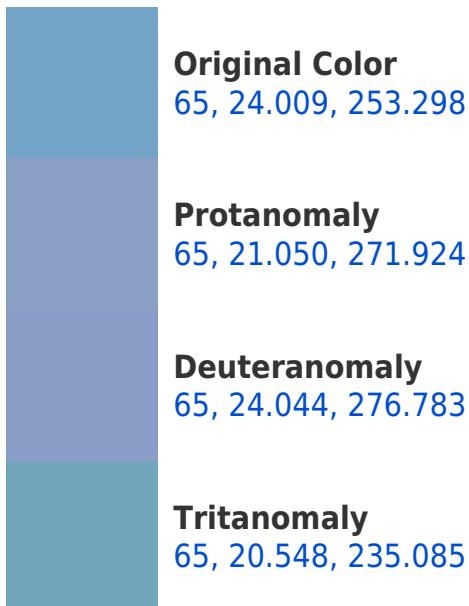
Dichromacy



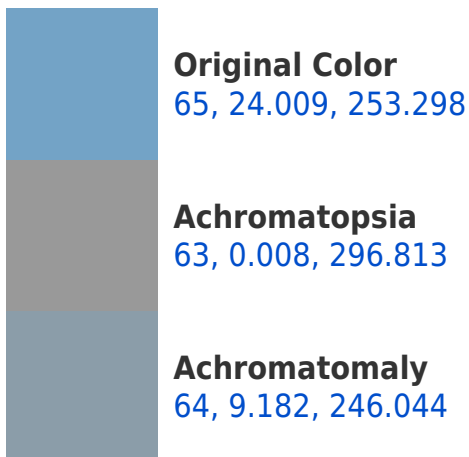


Tritanopia
65, 19.625, 221.585

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.009, 253.298 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(115, 163, 198)` looks like.

```
.text, #text, p{  
    color:rgb(115, 163, 198)  
}
```

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(115, 163, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 163, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.009, 253.298 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(115, 163, 198) }
```

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

```
.border{ border-color:rgb(115, 163, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 163, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 163, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 163, 198);  
box-shadow:4px 4px 4px 4px rgb(115, 163,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.009, 253.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 163, 198) }
```

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

```
.background{ background-color: rgb(115,  
163, 198) }
```

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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