

Converting Colors

CIELCh(65, 24.403, 245.295)

Have a look what the booklet for
CIELCh(65, 24.403, 245.295)
contains.

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Color

CIELCh(65, 24.561, 245.187)

Conversions

Conversions Part 1

Format	Color
Hex	6BA5C5
RGB	107, 165, 197
RGB Percent	42%, 65%, 77%
CMY	0.5806, 0.3531, 0.2276
CMYK	0.46, 0.16, 0.00, 0.23
HSL	201°, 44%, 60%
HSV	201°, 46%, 77%
XYZ	29.5785, 34.0472, 57.8100
YIQ	151.3060, -44.8400, -2.3440

Conversions

Conversions Part 2

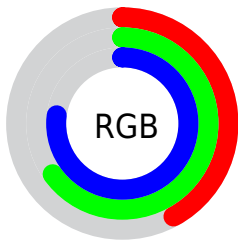
Format	Color
R _Y B	107, 142, 197
Decimal	7054789
CIE Lab	65.00, -10.31, -22.29
CIE LCh	65, 24.561, 245.187
Yxy	34.0472, 0.2436, 0.2804
Android (android.graphics.Color)	4285244869 (0xFF6BA5C5)
YUV	151.3060, 22.5271, -38.8564
Hunter-Lab	58.3500, -11.6279, -17.8964

Details

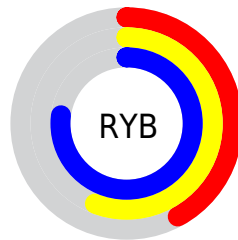
The CIELCh color `65, 24.561, 245.187` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `63, 31.688, 54.832`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 24.724, 245.249`, and `45, 24.570, 245.346` is the 20% darker color. If you saturate the color by 10%, you get `62, 29.000, 247.730`, and if you desaturate by 10%, it is `68, 19.728, 243.121`.

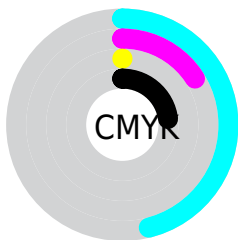
Distribution



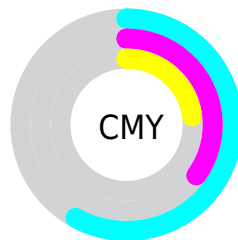
- Red (42%)
- Green (65%)
- Blue (77%)



- Red (42%)
- Yellow (56%)
- Blue (77%)



- Cyan (46%)
- Magenta (16%)
- Yellow (0%)
- Black (23%)




- Cyan (58%)
- Magenta (35%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 24.561, 245.187 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, 24.561, 245.187 by changing the saturation by 10% instead.


 65, 24.561,
245.187


 65, 24.561,
245.187


 100, 24.561,
245.187


 55, 24.561,
245.187


 85, 24.561,
245.187

 45, 24.561,
245.187

 95, 24.561,
245.187

 35, 24.561,
245.187

 25, 24.561,
245.187

 15, 24.561,
245.187

 5, 24.561, 245.187

 0, 24.561, 245.187

65, 24.561,
245.187

65, 24.561,
245.187

62, 29.000,
247.730

68, 19.728,
243.121

59, 33.029,
250.836

71, 14.546,
241.456

57, 36.672,
254.567

74, 9.068, 240.123

54, 40.008,
258.935

78, 3.349, 239.116

81, 2.558, 57.902

52, 43.180,
263.857

84, 8.607, 57.302

51, 44.579,
265.982

88, 14.758, 56.727

90, 18.082, 63.125

92, 19.085, 76.126

Harmonies

Complementary

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



65, 24.561, 245.187



63, 31.688, 54.832

Rectangle

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



65, 24.561, 245.187



65, 24.561, 295.187



65, 24.561, 65.187



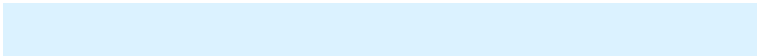
65, 24.561, 115.187

Sweetspot

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



65, 24.560, 245.186



94, 10.003, 239.952



73, 45.268, 152.102



49, 6.878, 240.208



0, 0.000, 0.000



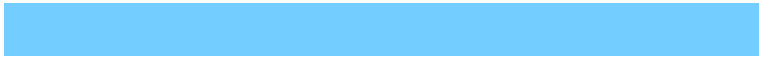
53, 0.007, 296.813

Same Dimension

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



65, 24.560, 245.186



79, 35.301, 247.773



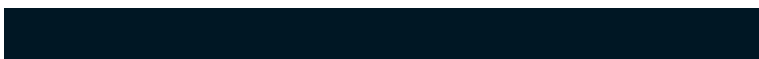
53, 44.300, 290.323



40, 3.340, 239.440



42, 38.421, 265.207



7, 11.910, 253.693

Inverse Universe

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



57, 45.884, 340.418



68, 66.682, 341.525



74, 40.857, 98.121



39, 5.750, 337.258



36, 64.085, 348.915



4, 19.657, 344.016

Previews

White Background



This preview shows how the CIELCh color 65, 24.561, 245.187 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, 24.561, 245.187 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, 24.561, 245.187

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.561, 245.187.

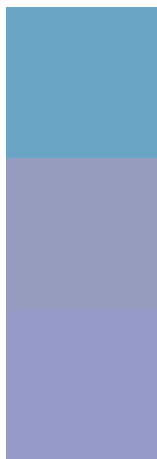


This preview shows how white text looks on a background with the CIELCh color 65, 24.561, 245.187.

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, 24.561, 245.187

Protanopia

65, 19.010, 284.870

Deuteranopia

65, 25.064, 289.717



Tritanopia
65, 22.016, 217.115

Trichromacy



Original Color
65, 24.561, 245.187

Protanomaly
65, 20.364, 268.064

Deuteranomaly
65, 23.311, 272.813

Tritanomaly
65, 22.320, 228.117

Monochromacy



Original Color
65, 24.561, 245.187

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 9.925, 241.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.561, 245.187 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(107, 165, 197)` looks like.

```
.text, #text, p{  
    color:rgb(107, 165, 197)  
}
```

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(107, 165, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 165, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.561, 245.187 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(107, 165, 197) }
```

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

```
.border{ border-color:rgb(107, 165, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 165, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 165, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 165, 197);  
box-shadow:4px 4px 4px 4px rgb(107, 165,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.561, 245.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 165, 197) }
```

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

```
.background{ background-color: rgb(107,  
165, 197) }
```

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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