

Converting Colors

CIELCh(65, 24.218, 255.561)

Have a look what the booklet for
CIELCh(65, 24.218, 255.561)
contains.

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Color

CIELCh(65, 24.105, 255.339)

Conversions

Conversions Part 1

Format	Color
Hex	75A3C7
RGB	117, 163, 199
RGB Percent	46%, 64%, 78%
CMY	0.5416, 0.3612, 0.2201
CMYK	0.41, 0.18, 0.00, 0.22
HSL	206°, 42%, 62%
HSV	206°, 41%, 78%
XYZ	30.6938, 34.0472, 58.9163
YIQ	153.3500, -38.9720, 1.4440

Conversions

Conversions Part 2

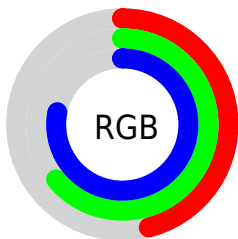
Format	Color
R _Y B	117, 146, 199
Decimal	7709639
CIE Lab	65.00, -6.10, -23.32
CIE LCh	65, 24.105, 255.339
Yxy	34.0472, 0.2482, 0.2753
Android (android.graphics.Color)	4285899719 (0xFF75A3C7)
YUV	153.3500, 22.5055, -31.8789
Hunter-Lab	58.3500, -8.2160, -19.0205

Details

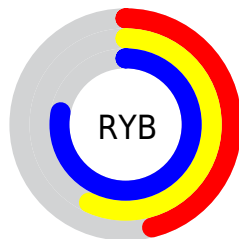
The CIELCh color `65, 24.105, 255.339` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `67, 28.418, 63.968`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 23.719, 254.386`, and `45, 24.269, 255.907` is the 20% darker color. If you saturate the color by 10%, you get `62, 29.438, 257.923`, and if you desaturate by 10%, it is `69, 18.539, 253.192`.

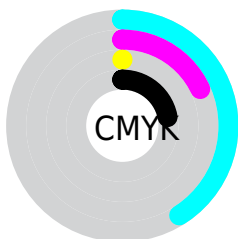
Distribution



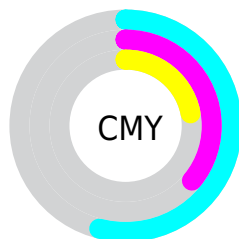
- Red (46%)
- Green (64%)
- Blue (78%)



- Red (46%)
- Yellow (57%)
- Blue (78%)



- Cyan (41%)
- Magenta (18%)
- Yellow (0%)
- Black (22%)





- Cyan (54%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 24.105, 255.339 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, 24.105, 255.339 by changing the saturation by 10% instead.


 65, 24.105,
255.339


 65, 24.105,
255.339


 100, 24.105,
255.339


 55, 24.105,
255.339


 85, 24.105,
255.339

 45, 24.105,
255.339

 95, 24.105,
255.339

 35, 24.105,
255.339

 25, 24.105,
255.339

 15, 24.105,
255.339

 5, 24.105, 255.339

 0, 24.105, 255.339

65, 24.105,
255.339

65, 24.105,
255.339

62, 29.438,
257.923

69, 18.539,
253.192

58, 34.536,
261.013

72, 12.770,
251.418

55, 39.424,
264.652

76, 6.830, 249.965

52, 44.172,
268.835

80, 0.759, 249.214

84, 5.410, 67.556

49, 48.892,
273.476

87, 11.644, 66.721

46, 53.144,
277.662

91, 17.619, 66.992

93, 19.371, 82.830

95, 22.319, 95.153

Harmonies

Complementary

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



65, 24.105, 255.339



67, 28.418, 63.968

Rectangle

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



65, 24.105, 255.339



65, 24.105, 305.339



65, 24.105, 75.339



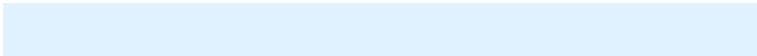
65, 24.105, 125.339

Sweetspot

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



65, 24.104, 255.338



94, 8.924, 250.090



74, 38.690, 156.292



50, 5.911, 250.269



0, 0.000, 0.000



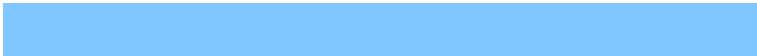
53, 0.007, 296.813

Same Dimension

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



65, 24.104, 255.338



78, 34.547, 257.503



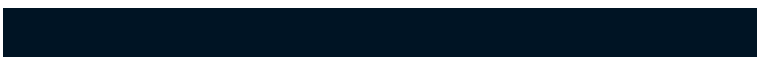
54, 44.092, 293.171



40, 3.457, 249.732



38, 45.305, 276.901



6, 13.055, 264.366

Inverse Universe

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



59, 39.820, 344.290



70, 57.303, 345.333



77, 40.187, 103.139



39, 5.423, 341.196



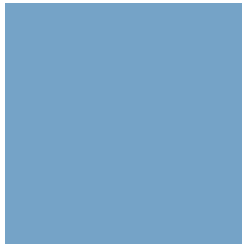
35, 61.718, 355.971



4, 18.522, 349.221

Previews

White Background



This preview shows how the CIE LCh color 65, 24.105, 255.339 looks on a white background.

Color Contrast Check

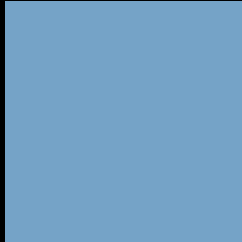
Large Text (above 18pt) WCAG AA × Fail

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, 24.105, 255.339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

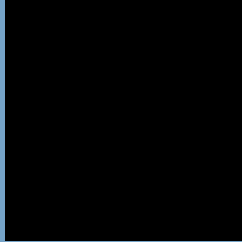
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

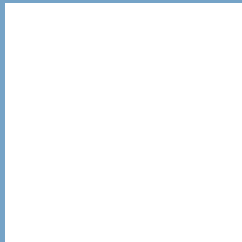
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 24.105, 255.339

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.105, 255.339.

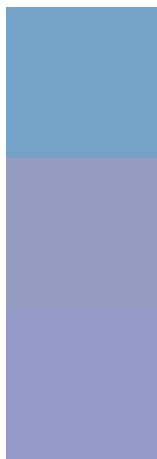


This preview shows how white text looks on a background with the CIELCh color 65, 24.105, 255.339.

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, 24.105, 255.339

Protanopia

65, 21.241, 285.028

Deuteranopia

65, 26.170, 289.974



Tritanopia
65, 19.111, 222.293

Trichromacy



Original Color
65, 24.105, 255.339

Protanomaly
65, 21.562, 272.546

Deuteranomaly
65, 24.502, 277.949

Tritanomaly
65, 20.105, 236.062

Monochromacy



Original Color
65, 24.105, 255.339

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 9.350, 250.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.105, 255.339 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(117, 163, 199)` looks like.

```
.text, #text, p{  
    color:rgb(117, 163, 199)  
}
```

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(117, 163, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 163, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.105, 255.339 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(117, 163, 199) }
```

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

```
.border{ border-color:rgb(117, 163, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 163, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 163, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 163, 199);  
box-shadow:4px 4px 4px 4px rgb(117, 163,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.105, 255.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 163, 199) }
```

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

```
.background{ background-color: rgb(117,  
163, 199) }
```

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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