

Converting Colors

CIELCh(64, 24.653, 266.214)

Have a look what the booklet for
CIELCh(64, 24.653, 266.214)
contains.

CIELCh(64, 24.365, 266.003)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(64, 24.365, 266.003)

Conversions

Conversions Part 1

Format	Color
Hex	7C9EC6
RGB	124, 158, 198
RGB Percent	49%, 62%, 78%
CMY	0.5138, 0.3805, 0.2237
CMYK	0.37, 0.20, 0.00, 0.22
HSL	212°, 39%, 63%
HSV	212°, 37%, 78%
XYZ	30.7186, 32.8017, 58.1190
YIQ	152.3940, -33.1040, 5.2320

Conversions

Conversions Part 2

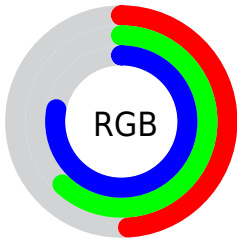
Format	Color
RYB	124, 147, 198
Decimal	8167110
CIELab	64.00, -1.70, -24.31
CIElCh	64, 24.365, 266.003
Yxy	32.8017, 0.2525, 0.2697
Android (android.graphics.Color)	4286357190 (0xFF7C9EC6)
YUV	152.3940, 22.4838, -24.9015
Hunter-Lab	57.2727, -4.4877, -20.0751

Details

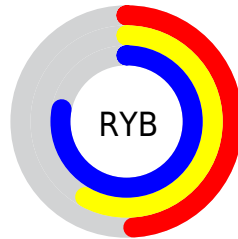
The CIELCh color `64, 24.365, 266.003` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `69, 26.359, 74.856`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 24.232, 265.707`, and `44, 24.313, 265.467` is the 20% darker color. If you saturate the color by 10%, you get `60, 30.779, 268.465`, and if you desaturate by 10%, it is `68, 17.898, 263.918`.

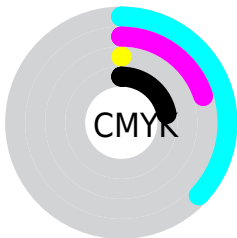
Distribution



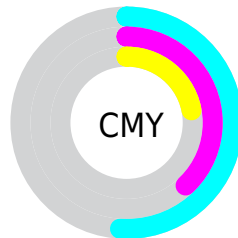
- Red (49%)
- Green (62%)
- Blue (78%)



- Red (49%)
- Yellow (58%)
- Blue (78%)



- Cyan (37%)
- Magenta (20%)
- Yellow (0%)
- Black (22%)




- Cyan (51%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 24.365, 266.003 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 64, 24.365, 266.003 by changing the saturation by 10% instead.

 64, 24.365,
266.003

 64, 24.365,
266.003


 100, 24.365,
266.003


 54, 24.365,
266.003


 84, 24.365,
266.003

 44, 24.365,
266.003

 94, 24.365,
266.003

 34, 24.365,
266.003

 24, 24.365,
266.003

 14, 24.365,
266.003

 4, 24.365, 266.003

 0, 24.365, 266.003

■ 64, 24.365,
266.003

■ 64, 24.365,
266.003

■ 60, 30.779,
268.465

■ 68, 17.898,
263.918

■ 56, 37.150,
271.357

■ 72, 11.386,
262.162

■ 52, 43.511,
274.706

■ 77, 4.844, 260.704

■ 48, 49.918,
278.497

■ 81, 1.711, 79.164

■ 85, 8.261, 78.224

■ 45, 56.447,
282.644

■ 90, 14.789, 77.298

■ 41, 63.163,
286.949

■ 93, 19.839, 83.579

■ 96, 23.618, 97.768

■ 40, 64.968,
288.014

■ 99, 28.402,
107.464

Harmonies

Complementary

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



64, 24.365, 266.003



69, 26.359, 74.856

Rectangle

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



64, 24.365, 266.003



64, 24.365, 316.003



64, 24.365, 86.003



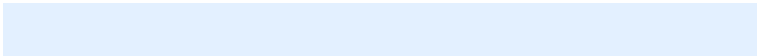
64, 24.365, 136.003

Sweetspot

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



64, 24.364, 266.002



94, 8.862, 261.219



74, 32.361, 161.810



50, 5.953, 261.418



0, 0.000, 0.000



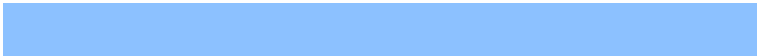
53, 0.007, 296.813

Same Dimension

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



64, 24.364, 266.002



77, 35.924, 268.017



55, 42.554, 296.064



40, 3.735, 260.970



33, 55.478, 287.364



5, 14.677, 273.548

Inverse Universe

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



61, 33.998, 349.713



72, 50.095, 350.873



78, 38.722, 108.102



39, 5.065, 346.653



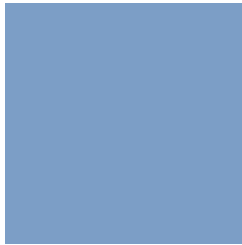
35, 60.473, 5.408



4, 17.490, 355.427

Previews

White Background



This preview shows how the CIE LCh color 64, 24.365, 266.003 looks on a white background.

Color Contrast Check

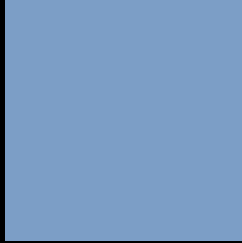
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 64, 24.365, 266.003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

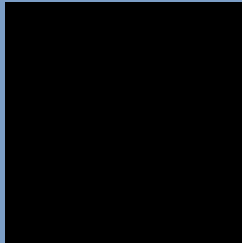
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

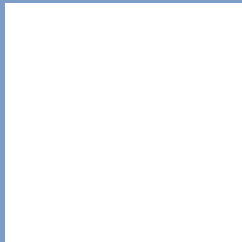
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 24.365, 266.003

Background



This preview shows how black text looks on a background with the CIELCh color 64, 24.365, 266.003.



This preview shows how white text looks on a background with the CIELCh color 64, 24.365, 266.003.

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
64, 24.365, 266.003

Protanopia
64, 22.999, 285.023

Deuteranopia
64, 26.260, 288.576



Tritanopia
64, 16.321, 224.839

Trichromacy



Original Color
64, 24.365, 266.003

Protanomaly
64, 22.891, 277.417

Deuteranomaly
64, 25.470, 280.932

Tritanomaly
64, 17.938, 241.990

Monochromacy



Original Color
64, 24.365, 266.003

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 9.341, 263.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 24.365, 266.003 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(124, 158, 198)` looks like.

```
.text, #text, p{  
    color:rgb(124, 158, 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(124, 158, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 158, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 24.365, 266.003 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(124, 158, 198) }
```

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

```
.border{ border-color:rgb(124, 158, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 158, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 158, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 158, 198);  
box-shadow:4px 4px 4px 4px rgb(124, 158,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 24.365, 266.003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 158, 198) }
```

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

```
.background{ background-color: rgb(124,  
158, 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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