

Converting Colors

CIELCh(64, 24.483, 265.374)

Have a look what the booklet for
CIELCh(64, 24.483, 265.374)
contains.

CIELCh(64, 24.483, 265.374)	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, 24.483, 265.374)

Conversions

Conversions Part 1

Format	Color
Hex	7B9EC6
RGB	123, 158, 198
RGB Percent	48%, 62%, 78%
CMY	0.5171, 0.3799, 0.2230
CMYK	0.38, 0.20, 0.00, 0.22
HSL	212°, 40%, 63%
HSV	212°, 38%, 78%
XYZ	30.6445, 32.8017, 58.2238
YIQ	152.0950, -33.7000, 5.0200

Conversions

Conversions Part 2

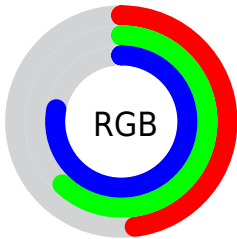
Format	Color
RYB	123, 147, 198
Decimal	8101574
CIELab	64.00, -1.97, -24.40
CIElCh	64, 24.483, 265.374
Yxy	32.8017, 0.2519, 0.2696
Android (android.graphics.Color)	4286291654 (0xFF7B9EC6)
YUV	152.0950, 22.6312, -25.5163
Hunter-Lab	57.2727, -4.7187, -20.1837

Details

The CIELCh color `64, 24.483, 265.374` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `69, 26.640, 74.087`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 24.354, 265.064`, and `44, 24.422, 264.897` is the 20% darker color. If you saturate the color by 10%, you get `60, 30.819, 267.859`, and if you desaturate by 10%, it is `68, 18.081, 263.272`.

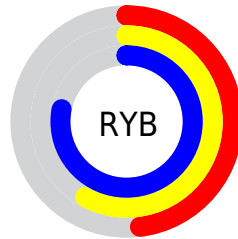
Distribution



Red (48%)

Green (62%)

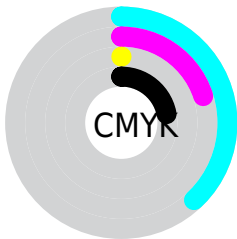
Blue (78%)



Red (48%)

Yellow (58%)

Blue (78%)

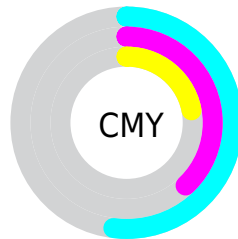


Cyan (38%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (52%)

Magenta (38%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 24.483, 265.374 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, 24.483, 265.374 by changing the saturation by 10% instead.

 64, 24.483,
265.374


 64, 24.483,
265.374


 100, 24.483,
265.374


 54, 24.483,
265.374


 84, 24.483,
265.374

 44, 24.483,
265.374

 94, 24.483,
265.374

 34, 24.483,
265.374

 24, 24.483,
265.374

 14, 24.483,
265.374

 4, 24.483, 265.374

 0, 24.483, 265.374

64, 24.483,
265.374

64, 24.483,
265.374

60, 30.819,
267.859

68, 18.081,
263.272

56, 37.102,
270.779

72, 11.624,
261.503

52, 43.361,
274.163

77, 5.126, 260.033

48, 49.656,
277.994

81, 1.392, 78.441

45, 56.067,
282.184

85, 7.913, 77.544

42, 62.664,
286.522

89, 14.418, 76.616

41, 64.116,
287.398

93, 19.547, 82.258

96, 23.169, 96.733

98, 27.827,
106.685

Harmonies

Complementary

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



64, 24.483, 265.374



69, 26.640, 74.087

Rectangle

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



64, 24.483, 265.374



64, 24.483, 315.374



64, 24.483, 85.374



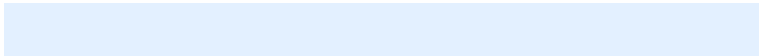
64, 24.483, 135.374

Sweetspot

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



64, 24.482, 265.373



94, 8.804, 260.485



74, 32.774, 161.752



50, 5.913, 260.684



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, 24.482, 265.373



77, 35.603, 267.281



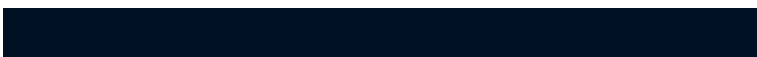
55, 43.169, 296.141



40, 3.711, 260.237



34, 54.717, 286.739



5, 14.561, 273.013

Inverse Universe

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



61, 34.586, 349.338



72, 50.273, 350.422



78, 39.223, 108.060



39, 5.088, 346.244



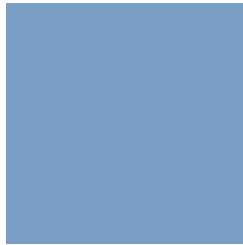
35, 60.496, 4.724



4, 17.551, 355.000

Previews

White Background



This preview shows how the CIELCh color 64, 24.483, 265.374 looks on a white background.

Color Contrast Check

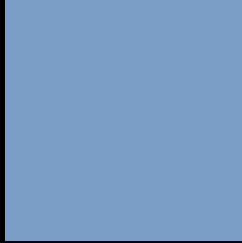
Large Text (above 18pt) WCAG AA × Fail

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 64, 24.483, 265.374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

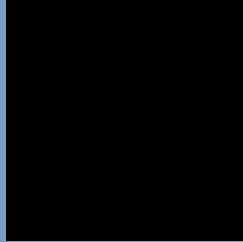
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

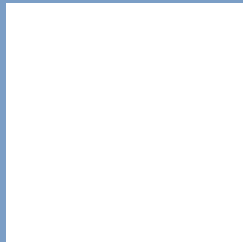
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 24.483, 265.374

Background



This preview shows how black text looks on a background with the CIELCh color 64, 24.483, 265.374.

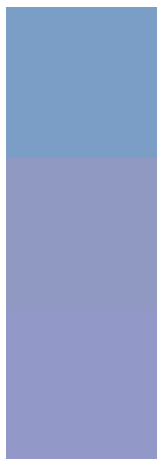


This preview shows how white text looks on a background with the CIELCh color 64, 24.483, 265.374.

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, 24.483, 265.374

Protanopia

64, 22.999, 285.023

Deuteranopia

64, 26.260, 288.576



Tritanopia
64, 16.591, 224.355

Trichromacy



Original Color
64, 24.483, 265.374

Protanomaly
64, 23.494, 277.116

Deuteranomaly
64, 25.470, 280.932

Tritanomaly
64, 18.156, 241.333

Monochromacy



Original Color
64, 24.483, 265.374

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, 24.483, 265.374 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(123, 158, 198)` looks like.

```
.text, #text, p{  
    color:rgb(123, 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(123, 158, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 158, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 24.483, 265.374 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(123, 158, 198) }
```

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

```
.border{ border-color:rgb(123, 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(123, 158, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 158, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 158, 198);  
box-shadow:4px 4px 4px 4px rgb(123, 158,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 24.483, 265.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 158, 198) }
```

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

```
.background{ background-color: rgb(123,  
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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