

Converting Colors

CIELCh(64, 24.821, 237.414)

Have a look what the booklet for
CIELCh(64, 24.821, 237.414)
contains.

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Color

CIELCh(64, 24.809, 237.437)

Conversions

Conversions Part 1

Format	Color
Hex	62A4C0
RGB	98, 164, 192
RGB Percent	38%, 64%, 75%
CMY	0.6170, 0.3581, 0.2484
CMYK	0.49, 0.15, 0.00, 0.25
HSL	198°, 43%, 57%
HSV	198°, 49%, 75%
XYZ	27.6936, 32.8017, 54.5444
YIQ	147.4580, -48.3240, -5.2840

Conversions

Conversions Part 2

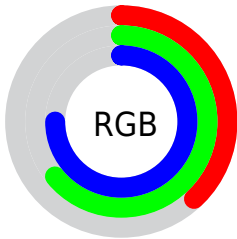
Format	Color
R_{YB}	98, 137, 192
Decimal	6464704
CIE _{Lab}	64.00, -13.35, -20.91
CIE _{LCh}	64, 24.809, 237.437
Yxy	32.8017, 0.2407, 0.2851
Android (android.graphics.Color)	4284654784 (0xFF62A4C0)
YUV	147.4580, 21.9592, -43.3747
Hunter-Lab	57.2727, -13.9156, -16.3746

Details

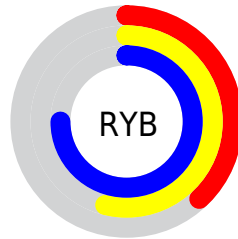
The CIELCh color **64, 24.809, 237.437** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **59, 34.174, 48.871**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 24.631, 237.005**, and **44, 24.769, 237.085** is the 20% darker color. If you saturate the color by 10%, you get **62, 28.621, 239.799**, and if you desaturate by 10%, it is **67, 20.496, 235.555**.

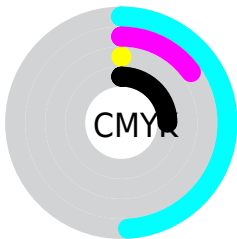
Distribution



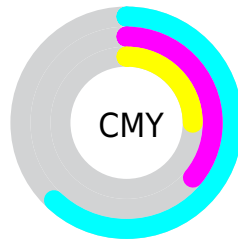
- Red (38%)
- Green (64%)
- Blue (75%)



- Red (38%)
- Yellow (54%)
- Blue (75%)



- Cyan (49%)
- Magenta (15%)
- Yellow (0%)
- Black (25%)




- Cyan (62%)
- Magenta (36%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 24.809, 237.437 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, 24.809, 237.437 by changing the saturation by 10% instead.

 64, 24.809,
237.437


 64, 24.809,
237.437


 100, 24.809,
237.437


 54, 24.809,
237.437


 84, 24.809,
237.437

 44, 24.809,
237.437

 94, 24.809,
237.437

 34, 24.809,
237.437

 24, 24.809,
237.437

 14, 24.809,
237.437

 4, 24.809, 237.437

 0, 24.809, 237.437

64, 24.809,
237.437

64, 24.809,
237.437

62, 28.621,
239.799

67, 20.496,
235.555

59, 31.910,
242.734

69, 15.739,
234.070

57, 34.696,
246.319

72, 10.600,
232.910

55, 37.062,
250.585

75, 5.150, 232.034

53, 39.200,
255.386

78, 0.549, 50.320

53, 39.411,
255.837

81, 6.440, 50.567

84, 12.473, 50.157

87, 18.608, 49.819

89, 19.750, 57.833

Harmonies

Complementary

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



64, 24.809, 237.437



59, 34.174, 48.871

Rectangle

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



64, 24.809, 237.437



64, 24.809, 287.437



64, 24.809, 57.437



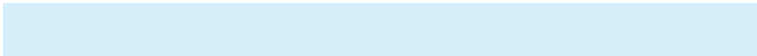
64, 24.809, 107.437

Sweetspot

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



64, 24.808, 237.436



93, 10.450, 232.543



71, 49.874, 149.101



49, 7.093, 232.743



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



64, 24.808, 237.436



78, 35.329, 240.040



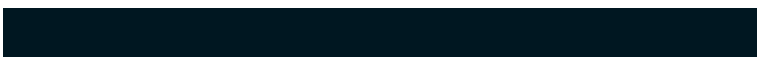
51, 42.989, 287.554



39, 3.254, 232.058



45, 34.374, 255.107



7, 10.558, 244.829

Inverse Universe

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



55, 49.719, 337.965



65, 72.064, 339.029



70, 40.430, 93.480



38, 5.865, 334.795



35, 65.568, 344.490



4, 18.295, 340.095

Previews

White Background



This preview shows how the CIE LCh color 64, 24.809, 237.437 looks on a white background.

Color Contrast Check

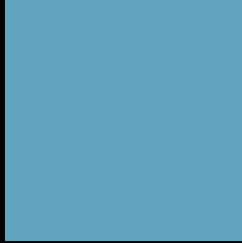
Large Text (above 18pt) WCAG AA × Fail

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, 24.809, 237.437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

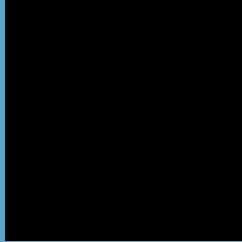
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 24.809, 237.437

Background



This preview shows how black text looks on a background with the CIELCh color 64, 24.809, 237.437.



This preview shows how white text looks on a background with the CIELCh color 64, 24.809, 237.437.

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, 24.809, 237.437

Protanopia

64, 17.357, 286.242

Deuteranopia

64, 24.026, 291.097



Tritanopia
64, 23.445, 215.823

Trichromacy



Original Color
64, 24.809, 237.437

Protanomaly
64, 18.718, 263.026

Deuteranomaly
64, 22.033, 269.520

Tritanomaly
64, 23.686, 224.624

Monochromacy



Original Color
64, 24.809, 237.437

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 10.135, 232.589

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 24.809, 237.437 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(98, 164, 192)` looks like.

```
.text, #text, p{  
    color:rgb(98, 164, 192)  
}
```

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(98, 164, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 164, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 24.809, 237.437 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(98, 164, 192) }
```

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

```
.border{ border-color:rgb(98, 164, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 164, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 164, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 164, 192);  
box-shadow:4px 4px 4px 4px rgb(98, 164,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 24.809, 237.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 164, 192) }
```

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

```
.background{ background-color: rgb(98, 164,  
192) }
```

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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