

Converting Colors

CIELCh(64, 32.528, 224.013)

Have a look what the booklet for
CIELCh(64, 32.528, 224.013)
contains.

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Color

CIELCh(64, 32.475, 224.090)

Conversions

Conversions Part 1

Format	Color
Hex	34A8C2
RGB	52, 168, 194
RGB Percent	20%, 66%, 76%
CMY	0.7974, 0.3395, 0.2375
CMYK	0.73, 0.13, 0.00, 0.24
HSL	191°, 58%, 48%
HSV	191°, 73%, 76%
XYZ	25.2686, 32.8017, 56.3005
YIQ	136.2800, -77.4820, -16.5060

Conversions

Conversions Part 2

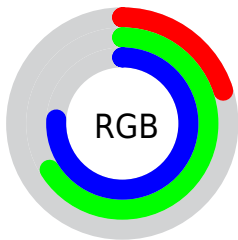
Format	Color
RYB	52, 116, 194
Decimal	3451074
CIELab	64.00, -23.33, -22.60
CIELCh	64, 32.475, 224.090
Yxy	32.8017, 0.2209, 0.2868
Android (android.graphics.Color)	4281641154 (0xFF34A8C2)
YUV	136.2800, 28.4560, -73.9136
Hunter-Lab	57.2727, -21.4735, -18.1926

Details

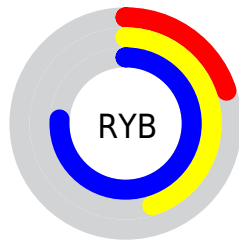
The CIELCh color **64, 32.475, 224.090** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **48, 59.604, 40.548**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **84, 32.463, 225.014**, and **45, 27.872, 228.493** is the 20% darker color. If you saturate the color by 10%, you get **63, 34.146, 226.543**, and if you desaturate by 10%, it is **66, 30.059, 222.158**.

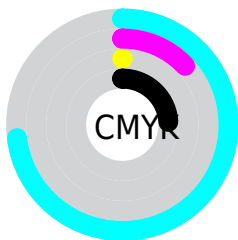
Distribution



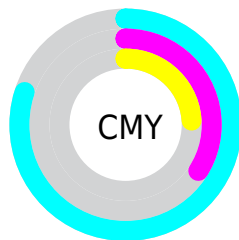
- Red (20%)
- Green (66%)
- Blue (76%)



- Red (20%)
- Yellow (45%)
- Blue (76%)



- Cyan (73%)
- Magenta (13%)
- Yellow (0%)
- Black (24%)





- Cyan (80%)
- Magenta (34%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 32.475, 224.090 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, 32.475, 224.090 by changing the saturation by 10% instead.

 64, 32.475,
224.090

 64, 32.475,
224.090


 100, 32.475,
224.090


 54, 32.475,
224.090


 84, 32.475,
224.090

 44, 32.475,
224.090

 94, 32.475,
224.090

 34, 32.475,
224.090

 24, 32.475,
224.090

 14, 32.475,
224.090

 4, 32.475, 224.090

 0, 32.475, 224.090

64, 32.475,
224.090

64, 32.475,
224.090

63, 34.146,
226.543

66, 30.059,
222.158

61, 35.150,
229.578

67, 26.893,
220.671

61, 35.596,
231.804

69, 23.018,
219.553

71, 18.509,
218.736

73, 13.456,
218.163

75, 7.951, 217.795

78, 2.085, 217.738

80, 4.063, 37.218

Harmonies

Complementary

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



64, 32.475, 224.090



48, 59.604, 40.548

Rectangle

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



64, 32.475, 224.090



64, 32.475, 274.090



64, 32.475, 44.090



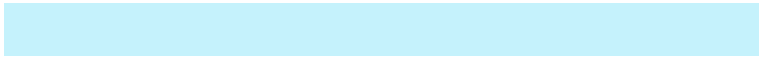
64, 32.475, 94.090

Sweetspot

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



64, 32.474, 224.089



93, 15.671, 218.113



69, 77.802, 141.765



49, 10.518, 218.244



0, 0.000, 0.000



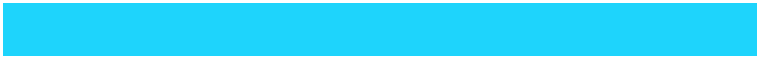
53, 0.007, 296.813

Same Dimension

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



64, 32.474, 224.089



79, 42.371, 228.276



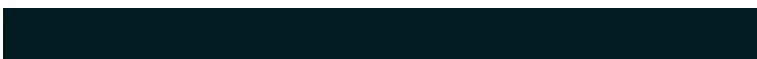
44, 57.144, 287.308



40, 3.383, 217.707



51, 30.880, 231.246



8, 10.469, 223.980

Inverse Universe

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



48, 74.166, 334.829



58, 97.983, 336.135



64, 55.473, 80.992



38, 6.369, 330.454



36, 71.096, 336.977



4, 20.378, 333.645

Previews

White Background



This preview shows how the CIE LCh color 64, 32.475, 224.090 looks on a white background.

Color Contrast Check

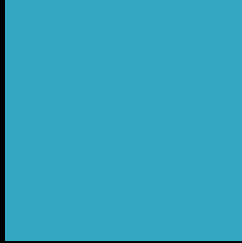
Large Text (above 18pt) WCAG AA × Fail

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, 32.475, 224.090 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, 32.475, 224.090

Background



This preview shows how black text looks on a background with the CIELCh color 64, 32.475, 224.090.



This preview shows how white text looks on a background with the CIELCh color 64, 32.475, 224.090.

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, 32.361, 224.199

Protanopia
64, 16.804, 285.976

Deuteranopia
64, 26.290, 288.595



Tritanopia
64, 32.954, 210.767

Trichromacy



Original Color
64, 32.361, 224.199



Protanomaly
63, 21.040, 246.990



Deuteranomaly
63, 25.909, 259.126



Tritanomaly
64, 32.528, 216.284

Monochromacy



Original Color
64, 32.361, 224.199



Achromatopsia
57, 0.007, 296.813



Achromatomaly
59, 15.529, 217.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 32.475, 224.090 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(52, 168, 194)` looks like.

```
.text, #text, p{  
    color:rgb(52, 168, 194)  
}
```

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(52, 168, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 168, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 32.475, 224.090 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(52, 168, 194) }
```

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

```
.border{ border-color:rgb(52, 168, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 168, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 168, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 168, 194);  
box-shadow:4px 4px 4px 4px rgb(52, 168,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 32.475, 224.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 168, 194) }
```

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

```
.background{ background-color: rgb(52, 168,  
194) }
```

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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