

Converting Colors

CIELCh(64, 24.416, 197.084)

Have a look what the booklet for
CIELCh(64, 24.416, 197.084)
contains.

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Color

CIELCh(64, 24.347, 197.363)

Conversions

Conversions Part 1

Format	Color
Hex	5CA7A7
RGB	92, 167, 167
RGB Percent	36%, 65%, 65%
CMY	0.6383, 0.3442, 0.3442
CMYK	0.45, 0.00, 0.00, 0.34
HSL	180°, 30%, 51%
HSV	180°, 45%, 66%
XYZ	25.2893, 32.8017, 41.6621
YIQ	144.5750, -44.7000, -15.9000

Conversions

Conversions Part 2

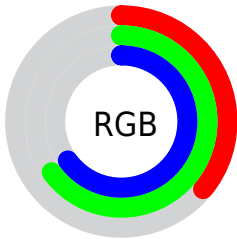
Format	Color
RYB	92, 130, 167
Decimal	6072231
CIELab	64.00, -23.24, -7.27
CIElCh	64, 24.347, 197.363
Yxy	32.8017, 0.2535, 0.3288
Android (android.graphics.Color)	4284262311 (0xFF5CA7A7)
YUV	144.5750, 11.0555, -46.1083
Hunter-Lab	57.2727, -21.4092, -3.0386

Details

The CIELCh color **64, 24.347, 197.363** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **48, 33.421, 24.000**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 24.213, 197.760**, and **44, 24.532, 196.729** is the 20% darker color. If you saturate the color by 10%, you get **63, 28.222, 197.044**, and if you desaturate by 10%, it is **65, 19.800, 197.739**.

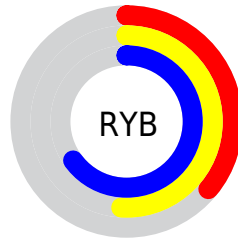
Distribution



Red (36%)

Green (65%)

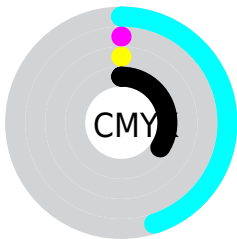
Blue (65%)



Red (36%)

Yellow (51%)

Blue (65%)

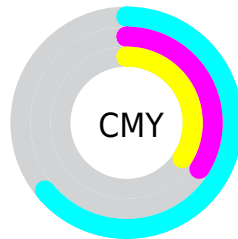


Cyan (45%)

Magenta (0%)

Yellow (0%)

Black (34%)



Cyan (64%)

Magenta (34%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 24.347, 197.363 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, 24.347, 197.363 by changing the saturation by 10% instead.

 64, 24.347,
197.363


 64, 24.347,
197.363


 100, 24.347,
197.363


 54, 24.347,
197.363

 84, 24.347,
197.363

 44, 24.347,
197.363

 94, 24.347,
197.363

 34, 24.347,
197.363

 24, 24.347,
197.363

 14, 24.347,
197.363

 4, 24.347, 197.363

 0, 24.347, 197.363

64, 24.347,
197.363

64, 24.347,
197.363

63, 28.222,
197.044

65, 19.800,
197.739

63, 31.358,
196.791

66, 14.666,
198.176

63, 33.721,
196.603

67, 9.042, 198.674

62, 35.320,
196.476

68, 3.028, 199.298

69, 3.285, 19.543

62, 36.216,
196.405

71, 9.814, 20.219

62, 36.539,
196.380

72, 16.486, 20.836

74, 23.243, 21.454

76, 30.039, 22.074

Harmonies

Complementary

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



64, 24.347, 197.363



48, 33.421, 24.000

Rectangle

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



64, 24.347, 197.363



64, 24.347, 247.363



64, 24.347, 17.363



64, 24.347, 67.363

Sweetspot

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



64, 24.347, 197.361



85, 9.821, 198.761



62, 49.994, 140.636



45, 6.886, 198.646



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 24.347, 197.361



80, 34.292, 197.041



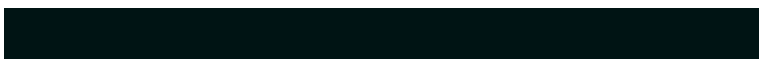
53, 23.743, 261.439



35, 3.516, 198.988



55, 33.389, 196.380



5, 6.572, 199.417

Inverse Universe

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



48, 33.421, 24.000



57, 51.124, 26.028



57, 27.340, 68.215



33, 3.724, 19.903



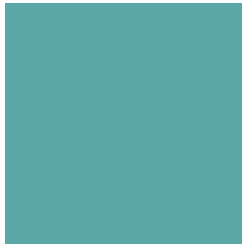
30, 69.025, 39.358



1, 6.572, 19.402

Previews

White Background



This preview shows how the CIELCh color 64, 24.347, 197.363 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, 24.347, 197.363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

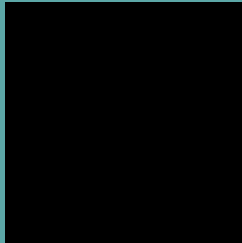
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 24.347, 197.363

Background



This preview shows how black text looks on a background with the CIELCh color 64, 24.347, 197.363.

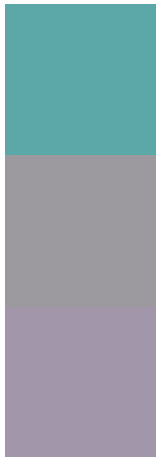


This preview shows how white text looks on a background with the CIELCh color 64, 24.347, 197.363.

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, 24.347, 197.363

Protanopia
64, 3.558, 309.201

Deuteranopia
64, 12.611, 312.032



Tritanopia
64, 22.824, 217.917

Trichromacy



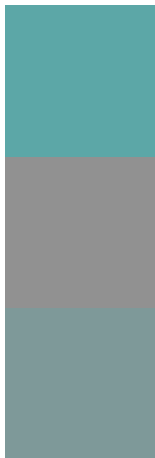
Original Color
64, 24.347, 197.363

Protanomaly
63, 9.285, 212.663

Deuteranomaly
63, 10.204, 249.302

Tritanomaly
64, 23.005, 210.310

Monochromacy



Original Color
64, 24.347, 197.363

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 9.918, 198.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 24.347, 197.363 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(92, 167, 167)` looks like.

```
.text, #text, p{  
    color:rgb(92, 167, 167)  
}
```

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(92, 167, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 167, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 24.347, 197.363 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(92, 167, 167) }
```

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

```
.border{ border-color:rgb(92, 167, 167) }
```

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

Here you see how a box with a 4 pixel rgb(92, 167, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 167, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 167, 167);  
box-shadow:4px 4px 4px 4px rgb(92, 167,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 24.347, 197.363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 167, 167) }
```

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

```
.background{ background-color: rgb(92, 167,  
167) }
```

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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