

Converting Colors

CIELCh(64, 24.037, 192.177)

Have a look what the booklet for
CIELCh(64, 24.037, 192.177)
contains.

CIELCh(64, 24.054, 191.995)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 24.054, 191.995)

Conversions

Conversions Part 1

Format	Color
Hex	5FA7A3
RGB	95, 167, 163
RGB Percent	37%, 65%, 64%
CMY	0.6267, 0.3443, 0.3600
CMYK	0.43, 0.00, 0.02, 0.34
HSL	177°, 29%, 51%
HSV	177°, 43%, 66%
XYZ	25.2206, 32.8017, 39.7412
YIQ	145.0160, -41.6280, -16.5080

Conversions

Conversions Part 2

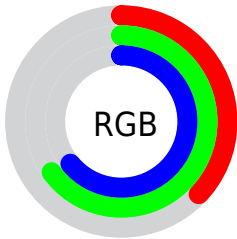
Format	Color
RYB	95, 132, 167
Decimal	6268835
CIELab	64.00, -23.53, -5.00
CIElCh	64, 24.054, 191.995
Yxy	32.8017, 0.2580, 0.3355
Android (android.graphics.Color)	4284458915 (0xFF5FA7A3)
YUV	145.0160, 8.8661, -43.8640
Hunter-Lab	57.2727, -21.6231, -1.0500

Details

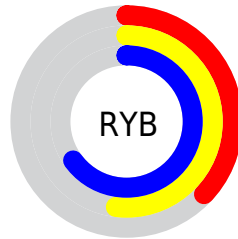
The CIELCh color **64, 24.054, 191.995** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 31.504, 19.587**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 23.749, 192.638**, and **44, 24.332, 191.004** is the 20% darker color. If you saturate the color by 10%, you get **63, 28.254, 191.362**, and if you desaturate by 10%, it is **65, 19.225, 192.633**.

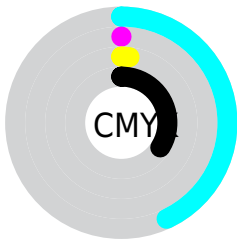
Distribution



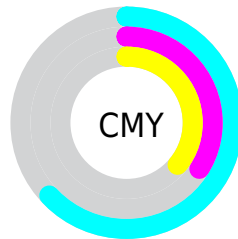
- Red (37%)
- Green (65%)
- Blue (64%)



- Red (37%)
- Yellow (52%)
- Blue (65%)



- Cyan (43%)
- Magenta (0%)
- Yellow (2%)
- Black (34%)




- Cyan (63%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 24.054, 191.995 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, 24.054, 191.995 by changing the saturation by 10% instead.

 64, 24.054,
191.995


 64, 24.054,
191.995


 100, 24.054,
191.995


 54, 24.054,
191.995


 84, 24.054,
191.995

 44, 24.054,
191.995

 94, 24.054,
191.995

 34, 24.054,
191.995

 24, 24.054,
191.995

 14, 24.054,
191.995

 4, 24.054, 191.995

 0, 24.054, 191.995

64, 24.054,
191.995

64, 24.054,
191.995

63, 28.254,
191.362

65, 19.225,
192.633

63, 31.746,
190.733

66, 13.860,
193.289

62, 34.480,
190.099

67, 8.063, 193.972

62, 36.446,
189.446

68, 1.930, 194.828

70, 4.446, 15.150

62, 37.687,
188.761

71, 10.988, 15.895

62, 38.280,
188.274

73, 17.628, 16.594

74, 24.313, 17.282

76, 31.002, 17.963

Harmonies

Complementary

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



64, 24.054, 191.995



49, 31.504, 19.587

Rectangle

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



64, 24.054, 191.995



64, 24.054, 241.995



64, 24.054, 11.995



64, 24.054, 61.995

Sweetspot

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



64, 24.054, 191.993



85, 9.906, 193.960



63, 47.387, 139.705



45, 6.951, 193.810



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, 24.054, 191.993



80, 34.222, 191.370



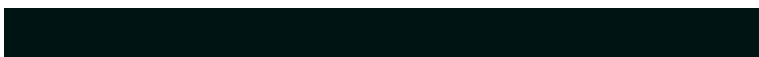
55, 21.696, 254.937



35, 3.541, 194.246



55, 34.965, 188.352



5, 6.623, 193.019

Inverse Universe

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



49, 31.504, 19.587



58, 48.108, 21.578



56, 25.848, 63.236



33, 3.729, 15.403



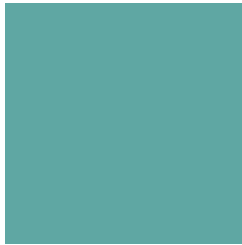
30, 67.068, 37.102



1, 6.594, 15.427

Previews

White Background



This preview shows how the CIELCh color 64, 24.054, 191.995 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, 24.054, 191.995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

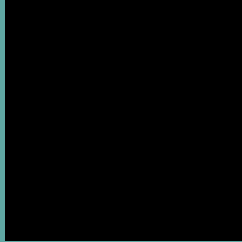
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 24.054, 191.995

Background



This preview shows how black text looks on a background with the CIELCh color 64, 24.054, 191.995.

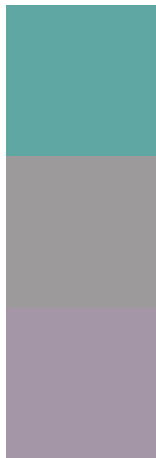


This preview shows how white text looks on a background with the CIELCh color 64, 24.054, 191.995.

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, 24.054, 191.995

Protanopia

64, 1.289, 353.560

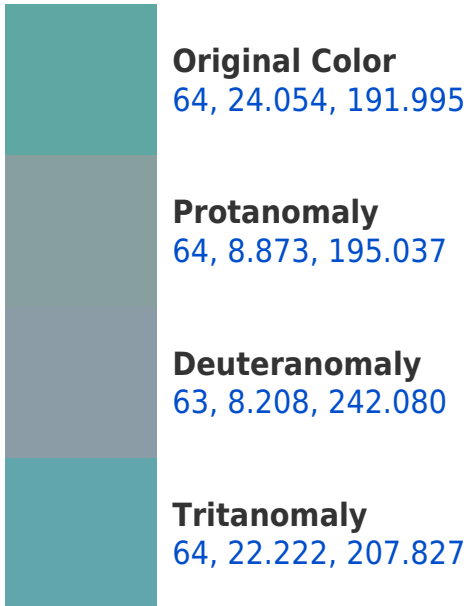
Deuteranopia

64, 10.908, 319.943

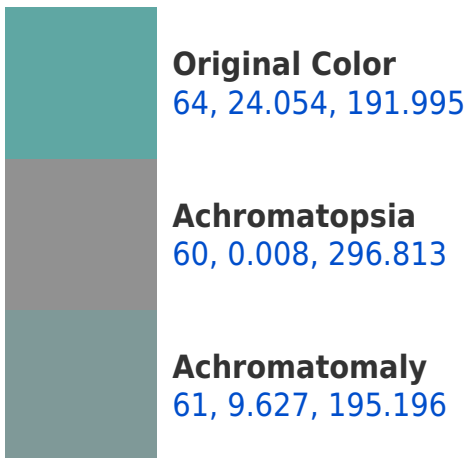


Tritanopia
64, 21.767, 217.414

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 24.054, 191.995 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(95, 167, 163)` looks like.

```
.text, #text, p{  
    color:rgb(95, 167, 163)  
}
```

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(95, 167, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 167, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 24.054, 191.995 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(95, 167, 163) }
```

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

```
.border{ border-color:rgb(95, 167, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 167, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 167, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 167, 163);  
box-shadow:4px 4px 4px 4px rgb(95, 167,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 24.054, 191.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 167, 163) }
```

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

```
.background{ background-color: rgb(95, 167,  
163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor