

Converting Colors

CIELCh(64, 22.230, 155.014)

Have a look what the booklet for
CIELCh(64, 22.230, 155.014)
contains.

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Color

CIELCh(64, 22.301, 155.243)

Conversions

Conversions Part 1

Format	Color
Hex	7AA58A
RGB	122, 165, 138
RGB Percent	48%, 65%, 54%
CMY	0.5222, 0.3536, 0.4595
CMYK	0.26, 0.00, 0.16, 0.35
HSL	142°, 19%, 56%
HSV	142°, 26%, 65%
XYZ	26.0003, 32.8017, 28.9409
YIQ	149.0650, -16.9610, -17.5130

Conversions

Conversions Part 2

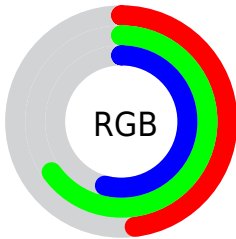
Format	Color
RYB	122, 153, 165
Decimal	8037770
CIELab	64.00, -20.25, 9.34
CIELCh	64, 22.301, 155.243
Yxy	32.8017, 0.2963, 0.3738
Android (android.graphics.Color)	4286227850 (0xFF7AA58A)
YUV	149.0650, -5.4550, -23.7360
Hunter-Lab	57.2727, -19.1930, 10.1307

Details

The CIELCh color **64, 22.301, 155.243** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **56, 22.656, 339.346**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 22.420, 155.016**, and **44, 22.353, 155.118** is the 20% darker color. If you saturate the color by 10%, you get **63, 30.695, 154.216**, and if you desaturate by 10%, it is **65, 13.761, 156.148**.

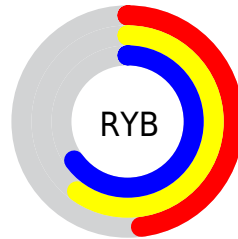
Distribution



Red (48%)

Green (65%)

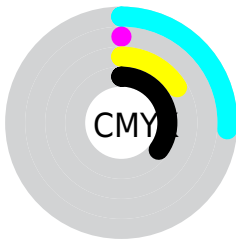
Blue (54%)



Red (48%)

Yellow (60%)

Blue (65%)

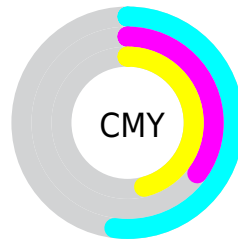


Cyan (26%)

Magenta (0%)

Yellow (16%)

Black (35%)



Cyan (52%)


Magenta (35%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 22.301, 155.243 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, 22.301, 155.243 by changing the saturation by 10% instead.

 64, 22.301,
155.243


 64, 22.301,
155.243


 100, 22.301,
155.243


 54, 22.301,
155.243


 84, 22.301,
155.243

 44, 22.301,
155.243

 94, 22.301,
155.243

 34, 22.301,
155.243

 24, 22.301,
155.243

 14, 22.301,
155.243

 4, 22.301, 155.243

 0, 22.301, 155.243

■ 64, 22.301,
155.243

■ 64, 22.301,
155.243

■ 63, 30.695,
154.216

■ 65, 13.761,
156.148

■ 62, 38.803,
153.046

■ 67, 5.186, 156.978

■ 61, 46.478,
151.709

■ 68, 3.327, 337.527

■ 70, 11.709,
338.225

■ 60, 53.572,
150.187

■ 72, 19.910,
338.804

■ 60, 59.959,
148.471

■ 74, 27.895,
339.325

■ 59, 65.551,
146.571


■ 76, 35.646,
339.799

■ 59, 70.329,
144.534

■ 78, 43.152,
340.235

■ 59, 72.063,

143.780

 78, 46.935,
335.487

Harmonies

Complementary

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



64, 22.301, 155.243



56, 22.656, 339.346

Rectangle

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



64, 22.301, 155.243



64, 22.301, 205.243



64, 22.301, 335.243



64, 22.301, 25.243

Sweetspot

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



64, 22.302, 155.242



84, 8.449, 156.807



65, 24.426, 122.934



44, 5.998, 156.689



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 22.302, 155.242



80, 32.733, 154.696



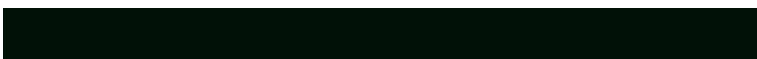
65, 15.814, 186.341



34, 4.791, 156.716



53, 65.355, 144.026



4, 7.639, 155.829

Inverse Universe

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



56, 22.656, 339.346



69, 33.333, 339.827



55, 17.965, 11.071



32, 4.824, 337.984



31, 58.463, 349.962



1, 7.148, 340.024

Previews

White Background



This preview shows how the CIELCh color 64, 22.301, 155.243 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, 22.301, 155.243 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, 22.301, 155.243

Background



This preview shows how black text looks on a background with the CIELCh color 64, 22.301, 155.243.



This preview shows how white text looks on a background with the CIELCh color 64, 22.301, 155.243.

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, 22.301, 155.243

Protanopia

64, 12.637, 93.886

Deuteranopia

64, 11.065, 43.799



Tritanopia
64, 12.814, 233.284

Trichromacy



Original Color
64, 22.301, 155.243

Protanomaly
64, 14.037, 126.914

Deuteranomaly
64, 8.331, 109.264

Tritanomaly
64, 13.049, 193.354

Monochromacy



Original Color
64, 22.301, 155.243

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 8.368, 156.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 22.301, 155.243 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(122, 165, 138)` looks like.

```
.text, #text, p{  
    color:rgb(122, 165, 138)  
}
```

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(122, 165, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 165, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 22.301, 155.243 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(122, 165, 138) }
```

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

```
.border{ border-color:rgb(122, 165, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 165, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 165, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 165, 138); box-shadow:4px 4px 4px 4px rgb(122, 165, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 22.301, 155.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 165, 138) }
```

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

```
.background{ background-color: rgb(122,  
165, 138) }
```

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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