

Converting Colors

CIELCh(64, 22.694, 152.368)

Have a look what the booklet for
CIELCh(64, 22.694, 152.368)
contains.

CIELCh(64, 22.856, 152.712)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(64, 22.856, 152.712)

Conversions

Conversions Part 1

Format	Color
Hex	7BA588
RGB	123, 165, 136
RGB Percent	48%, 65%, 53%
CMY	0.5184, 0.3538, 0.4675
CMYK	0.25, 0.00, 0.18, 0.35
HSL	139°, 19%, 56%
HSV	139°, 25%, 65%
XYZ	25.9856, 32.8017, 28.1783
YIQ	149.1360, -15.7230, -17.9230

Conversions

Conversions Part 2

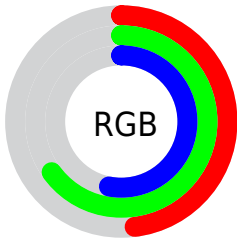
Format	Color
RYB	123, 155, 165
Decimal	8103304
CIELab	64.00, -20.31, 10.48
CIELCh	64, 22.856, 152.712
Yxy	32.8017, 0.2988, 0.3772
Android (android.graphics.Color)	4286293384 (0xFF7BA588)
YUV	149.1360, -6.4760, -22.9213
Hunter-Lab	57.2727, -19.2388, 10.9202

Details

The CIELCh color $64, 22.856, 152.712$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $56, 23.093, 336.472$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 22.941, 152.608$, and $44, 22.966, 152.474$ is the 20% darker color. If you saturate the color by 10%, you get $63, 31.705, 151.726$, and if you desaturate by 10%, it is $65, 13.879, 153.575$.

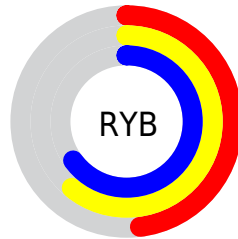
Distribution



Red (48%)

Green (65%)

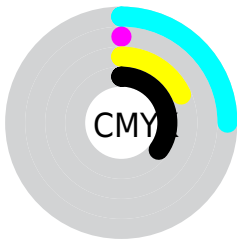
Blue (53%)



Red (48%)

Yellow (61%)

Blue (65%)

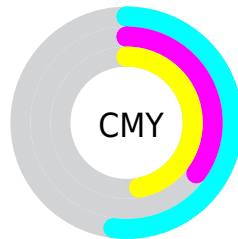


Cyan (25%)

Magenta (0%)

Yellow (18%)

Black (35%)



Cyan (52%)

Magenta (35%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 22.856, 152.712 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, 22.856, 152.712 by changing the saturation by 10% instead.

 64, 22.856,
152.712


 64, 22.856,
152.712


 100, 22.856,
152.712


 54, 22.856,
152.712


 84, 22.856,
152.712

 44, 22.856,
152.712

 94, 22.856,
152.712

 34, 22.856,
152.712

 24, 22.856,
152.712

 14, 22.856,
152.712

 4, 22.856, 152.712

 0, 22.856, 152.712

■ 64, 22.856,
152.712

■ 64, 22.856,
152.712

■ 63, 31.705,
151.726

■ 65, 13.879,
153.575

■ 62, 40.278,
150.597

■ 67, 4.891, 154.364

■ 61, 48.415,
149.302

■ 68, 4.012, 334.889

■ 60, 55.951,
147.829

■ 70, 12.758,
335.524

■ 60, 62.734,
146.174

■ 72, 21.298,
336.054

■ 59, 68.647,
144.356

■ 74, 29.601,
336.527


■ 59, 73.624,
142.433

■ 76, 37.648,
336.953

■ 59, 75.649,

■ 78, 45.434,
337.341

141.625

 79, 49.594,
332.337

Harmonies

Complementary

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



64, 22.856, 152.712



56, 23.093, 336.472

Rectangle

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



64, 22.856, 152.712



64, 22.856, 202.712



64, 22.856, 332.712



64, 22.856, 22.712

Sweetspot

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



64, 22.857, 152.711



84, 8.849, 154.154



66, 23.571, 120.351



44, 6.283, 154.041



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, 22.857, 152.711



80, 34.361, 152.128



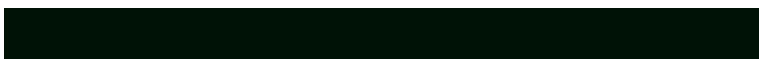
65, 16.004, 180.966



34, 5.018, 154.067



52, 68.634, 141.854



4, 7.961, 153.511

Inverse Universe

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



56, 23.093, 336.472



69, 34.765, 336.954



56, 17.735, 5.903



32, 5.044, 335.265



32, 60.578, 345.162



1, 7.478, 337.114

Previews

White Background



This preview shows how the CIELCh color 64, 22.856, 152.712 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, 22.856, 152.712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

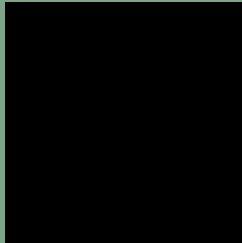
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 22.856, 152.712

Background



This preview shows how black text looks on a background with the CIELCh color 64, 22.856, 152.712.



This preview shows how white text looks on a background with the CIELCh color 64, 22.856, 152.712.

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, 22.856, 152.712

Protanopia
64, 13.819, 93.240

Deuteranopia
64, 11.978, 47.724



Tritanopia
64, 12.278, 231.849

Trichromacy



Original Color
64, 22.856, 152.712

Protanomaly
64, 14.972, 124.127

Deuteranomaly
64, 9.445, 106.720

Tritanomaly
64, 12.825, 190.769

Monochromacy



Original Color
64, 22.856, 152.712

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 8.765, 154.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 22.856, 152.712 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(123, 165, 136)` looks like.

```
.text, #text, p{  
    color:rgb(123, 165, 136)  
}
```

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(123, 165, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 165, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 22.856, 152.712 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(123, 165, 136) }
```

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

```
.border{ border-color:rgb(123, 165, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 165, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 165, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 165, 136);  
box-shadow:4px 4px 4px 4px rgb(123, 165,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 22.856, 152.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 165, 136) }
```

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

```
.background{ background-color: rgb(123,  
165, 136) }
```

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