

Converting Colors

CIELCh(64, 32.960, 143.470)

Have a look what the booklet for
CIELCh(64, 32.960, 143.470)
contains.

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Color

CIELCh(64, 32.995, 143.456)

Conversions

Conversions Part 1

Format	Color
Hex	75A777
RGB	117, 167, 119
RGB Percent	46%, 65%, 47%
CMY	0.5408, 0.3447, 0.5329
CMYK	0.30, 0.00, 0.29, 0.34
HSL	122°, 22%, 56%
HSV	122°, 30%, 66%
XYZ	24.5255, 32.8017, 22.5244
YIQ	146.5780, -14.3920, -25.5280

Conversions

Conversions Part 2

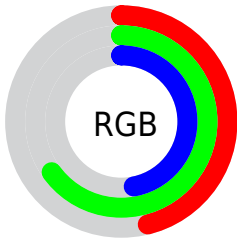
Format	Color
RYB	117, 165, 167
Decimal	7710583
CIELab	64.00, -26.51, 19.65
CIElCh	64, 32.995, 143.456
Yxy	32.8017, 0.3071, 0.4108
Android (android.graphics.Color)	4285900663 (0xFF75A777)
YUV	146.5780, -13.5960, -25.9399
Hunter-Lab	57.2727, -23.7895, 16.7732

Details

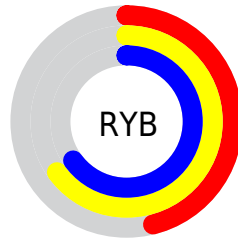
The CIELCh color **64, 32.995, 143.456** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **56, 33.000, 327.159**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 33.031, 143.398**, and **44, 33.177, 143.099** is the 20% darker color. If you saturate the color by 10%, you get **63, 43.770, 142.525**, and if you desaturate by 10%, it is **65, 21.974, 144.265**.

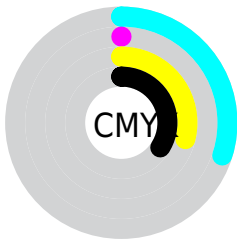
Distribution



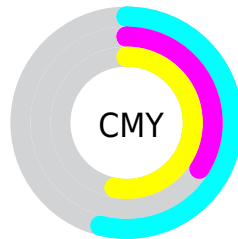
- Red (46%)
- Green (65%)
- Blue (47%)



- Red (46%)
- Yellow (65%)
- Blue (65%)



- Cyan (30%)
- Magenta (0%)
- Yellow (29%)
- Black (34%)




- Cyan (54%)
- Magenta (34%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 32.995, 143.456 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, 32.995, 143.456 by changing the saturation by 10% instead.

 64, 32.995,
143.456


 64, 32.995,
143.456

 100, 32.995,
143.456


 54, 32.995,
143.456


 84, 32.995,
143.456

 44, 32.995,
143.456

 94, 32.995,
143.456

 34, 32.995,
143.456

 24, 32.995,
143.456

 14, 32.995,
143.456

 4, 32.995, 143.456

 0, 32.995, 143.456

■ 64, 32.995,
143.456

■ 64, 32.995,
143.456

■ 63, 43.770,
142.525

■ 65, 21.974,
144.265

■ 62, 54.047,
141.472

■ 67, 10.896,
144.965

■ 61, 63.528,
140.318

■ 69, 0.091, 322.956

■ 60, 71.863,
139.116

■ 70, 10.882,
326.008

■ 60, 78.666,
137.964

■ 72, 21.408,
326.444

■ 60, 83.572,
136.992

■ 74, 31.625,
326.810


■ 60, 86.497,
136.384

■ 77, 41.512,
327.123

■ 60, 86.515,

■ 79, 51.062,
327.391

136.381

 80, 54.857,
326.314

Harmonies

Complementary

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



64, 32.995, 143.456



56, 33.000, 327.159

Rectangle

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



64, 32.995, 143.456



64, 32.995, 193.456



64, 32.995, 323.456



64, 32.995, 13.456

Sweetspot

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



64, 32.996, 143.456



85, 12.204, 145.015



67, 27.184, 108.800



45, 8.557, 144.922



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, 32.996, 143.456



80, 48.896, 142.844



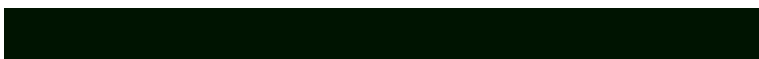
65, 22.766, 162.710



35, 6.247, 145.006



53, 78.982, 136.438



5, 11.401, 145.373

Inverse Universe

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



56, 33.000, 327.159



68, 48.846, 327.518



55, 23.762, 348.320



33, 6.257, 326.012



34, 74.660, 329.857



2, 11.235, 325.973

Previews

White Background



This preview shows how the CIE LCh color 64, 32.995, 143.456 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, 32.995, 143.456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

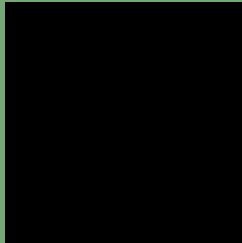
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 32.995, 143.456

Background



This preview shows how black text looks on a background with the CIELCh color 64, 32.995, 143.456.



This preview shows how white text looks on a background with the CIELCh color 64, 32.995, 143.456.

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, 32.995, 143.456

Protanopia
64, 23.245, 95.010

Deuteranopia
64, 19.558, 64.986



Tritanopia
64, 13.351, 231.670

Trichromacy



Original Color
64, 32.995, 143.456

Protanomaly
64, 24.639, 118.205

Deuteranomaly
63, 18.284, 105.573

Tritanomaly
64, 15.761, 177.243

Monochromacy



Original Color
64, 32.995, 143.456

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 11.890, 145.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 32.995, 143.456 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(117, 167, 119)` looks like.

```
.text, #text, p{  
    color:rgb(117, 167, 119)  
}
```

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(117, 167, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 167, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 32.995, 143.456 is called "border". The border property can be set on classes, ids or directly on the HTML element.

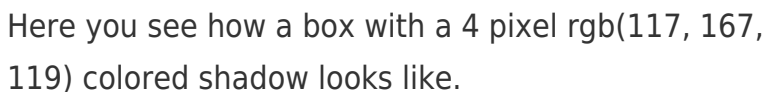
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 167, 119) }
```

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

```
.border{ border-color:rgb(117, 167, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 167, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 167, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 167, 119);  
box-shadow:4px 4px 4px 4px rgb(117, 167,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 32.995, 143.456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 167, 119) }
```

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

```
.background{ background-color: rgb(117,  
167, 119) }
```

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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