

Converting Colors

CIELCh(64, 52.251, 145.739)

Have a look what the booklet for
CIELCh(64, 52.251, 145.739)
contains.

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Color

CIELCh(64, 52.251, 145.739)

Conversions

Conversions Part 1

Format	Color
Hex	52AD64
RGB	82, 173, 100
RGB Percent	32%, 68%, 39%
CMY	0.6766, 0.3198, 0.6062
CMYK	0.52, 0.00, 0.42, 0.32
HSL	132°, 36%, 50%
HSV	132°, 52%, 68%
XYZ	20.8693, 32.8017, 17.3919
YIQ	137.4690, -30.8030, -41.9950

Conversions

Conversions Part 2

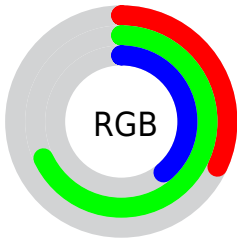
Format	Color
RYB	82, 158, 173
Decimal	5418340
CIELab	64.00, -43.18, 29.42
CIELCh	64, 52.251, 145.739
Yxy	32.8017, 0.2937, 0.4616
Android (android.graphics.Color)	4283608420 (0xFF52AD64)
YUV	137.4690, -18.4722, -48.6463
Hunter-Lab	57.2727, -35.1846, 22.0865

Details

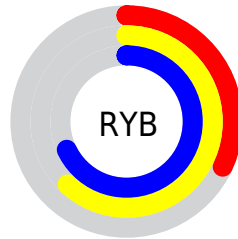
The CIELCh color **64, 52.251, 145.739** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **49, 52.053, 333.881**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **84, 51.961, 145.752**, and **44, 52.301, 145.849** is the 20% darker color. If you saturate the color by 10%, you get **63, 61.002, 144.393**, and if you desaturate by 10%, it is **65, 42.834, 146.928**.

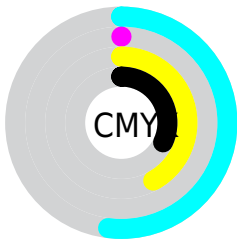
Distribution



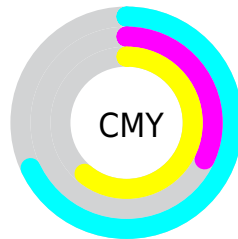
- Red (32%)
- Green (68%)
- Blue (39%)



- Red (32%)
- Yellow (62%)
- Blue (68%)



- Cyan (52%)
- Magenta (0%)
- Yellow (42%)
- Black (32%)





- Cyan (68%)
- Magenta (32%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 52.251, 145.739 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, 52.251, 145.739 by changing the saturation by 10% instead.

 64, 52.251,
145.739


 64, 52.251,
145.739


 100, 52.251,
145.739


 54, 52.251,
145.739


 84, 52.251,
145.739

 44, 52.251,
145.739

 94, 52.251,
145.739

 34, 52.251,
145.739

 24, 52.251,
145.739

 14, 52.251,
145.739

 4, 52.251, 145.739

 0, 52.251, 145.739

■ 64, 52.251,
145.739

■ 64, 52.251,
145.739

■ 63, 61.002,
144.393

■ 65, 42.834,
146.928

■ 63, 68.859,
142.901

■ 66, 32.965,
147.963

■ 62, 75.611,
141.304

■ 67, 22.844,
148.860

■ 62, 81.072,
139.681

■ 69, 12.635,
149.640


■ 62, 84.345,
138.584

■ 70, 2.473, 150.396

■ 72, 7.543, 330.824

■ 74, 17.341,
331.347

■ 76, 26.875,
331.792

 78, 36.117,
332.183

Harmonies

Complementary

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



64, 52.251, 145.739



49, 52.053, 333.881

Rectangle

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



64, 52.251, 145.739



64, 52.251, 195.739



64, 52.251, 325.739



64, 52.251, 15.739

Sweetspot

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



64, 52.252, 145.739



86, 20.038, 149.354



68, 48.366, 113.825



45, 13.520, 149.201



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 52.252, 145.739



80, 75.570, 144.159



65, 34.877, 169.134



36, 5.729, 149.868



54, 75.607, 138.780



6, 12.388, 149.203

Inverse Universe

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



49, 52.053, 333.881



58, 74.261, 334.737



47, 40.280, 1.824



34, 5.747, 330.972



34, 67.051, 337.803



2, 11.463, 333.064

Previews

White Background



This preview shows how the CIELCh color 64, 52.251, 145.739 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, 52.251, 145.739 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, 52.251, 145.739

Background



This preview shows how black text looks on a background with the CIELCh color 64, 52.251, 145.739.

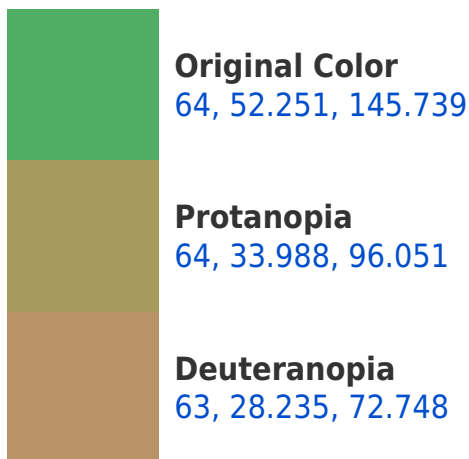


This preview shows how white text looks on a background with the CIELCh color 64, 52.251, 145.739.

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





Tritanopia
64, 21.382, 219.465

Trichromacy



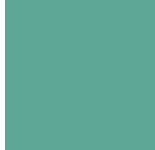
Original Color
64, 52.251, 145.739



Protanomaly
63, 36.787, 122.301



Deuteranomaly
63, 29.391, 115.252



Tritanomaly
64, 27.061, 176.452

Monochromacy



Original Color
64, 52.251, 145.739



Achromatopsia
57, 0.007, 296.813



Achromatomaly
59, 20.074, 148.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 52.251, 145.739 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(82, 173, 100)` looks like.

```
.text, #text, p{  
    color:rgb(82, 173, 100)  
}
```

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(82, 173, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 173, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 52.251, 145.739 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(82, 173, 100) }
```

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

```
.border{ border-color:rgb(82, 173, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 173, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 173, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 173, 100);  
box-shadow:4px 4px 4px 4px rgb(82, 173,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 52.251, 145.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 173, 100) }
```

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

```
.background{ background-color: rgb(82, 173,  
100) }
```

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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