

Converting Colors

CIELCh(63, 40.511, 124.352)

Have a look what the booklet for
CIELCh(63, 40.511, 124.352)
contains.

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Color

CIELCh(63, 40.496, 124.201)

Conversions

Conversions Part 1

Format	Color
Hex	84A25B
RGB	132, 162, 91
RGB Percent	52%, 64%, 36%
CMY	0.4816, 0.3639, 0.6424
CMYK	0.18, 0.00, 0.44, 0.36
HSL	85°, 28%, 50%
HSV	85°, 44%, 64%
XYZ	24.3952, 31.5869, 14.7488
YIQ	144.9360, 4.9110, -28.4410

Conversions

Conversions Part 2

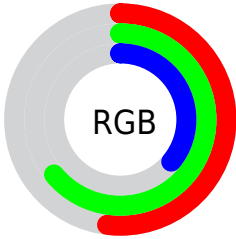
Format	Color
RYB	91, 162, 121
Decimal	8692315
CIELab	63.00, -22.76, 33.49
CIElCh	63, 40.496, 124.201
Yxy	31.5869, 0.3449, 0.4466
Android (android.graphics.Color)	4286882395 (0xFF84A25B)
YUV	144.9360, -26.5904, -11.3449
Hunter-Lab	56.2022, -20.8742, 23.7825

Details

The CIELCh color **63, 40.496, 124.201** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **45, 43.629, 308.784**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 40.706, 124.255**, and **43, 40.222, 124.035** is the 20% darker color. If you saturate the color by 10%, you get **62, 49.114, 123.797**, and if you desaturate by 10%, it is **64, 31.489, 124.676**.

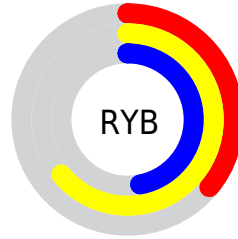
Distribution



Red (52%)

Green (64%)

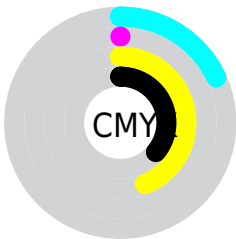
Blue (36%)



Red (36%)

Yellow (64%)

Blue (47%)

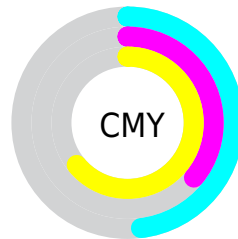


Cyan (18%)

Magenta (0%)

Yellow (44%)

Black (36%)



Cyan (48%)


Magenta (36%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 40.496, 124.201 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 63, 40.496, 124.201 by changing the saturation by 10% instead.


 63, 40.496,
124.201


 63, 40.496,
124.201


 100, 40.496,
124.201


 53, 40.496,
124.201


 83, 40.496,
124.201

 43, 40.496,
124.201

 93, 40.496,
124.201

 33, 40.496,
124.201

 23, 40.496,
124.201

 13, 40.496,
124.201

 3, 40.496, 124.201

 0, 40.496, 124.201

■ 63, 40.496,
124.201

■ 63, 40.496,
124.201

■ 62, 49.114,
123.797

■ 64, 31.489,
124.676

■ 62, 57.098,
123.524

■ 65, 22.256,
125.174

■ 61, 64.121,
123.477

■ 65, 12.912,
125.672

■ 61, 69.790,
123.770

■ 66, 3.536, 126.165

■ 60, 73.767,
124.513

■ 67, 5.816, 306.579

■ 60, 75.704,
125.085

■ 68, 15.104,
307.006

■ 69, 24.300,
307.393

■ 71, 33.382,
307.745

■ 72, 42.337,
308.065

Harmonies

Complementary

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



63, 40.496, 124.201



45, 43.629, 308.784

Rectangle

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



63, 40.496, 124.201



63, 40.496, 174.201



63, 40.496, 304.201



63, 40.496, 354.201

Sweetspot

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



63, 40.497, 124.203



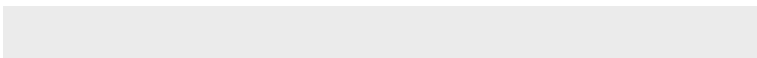
83, 15.123, 125.698



54, 25.639, 61.424



44, 10.667, 125.593



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 40.497, 124.203



79, 60.086, 123.789



61, 46.734, 139.269



34, 5.323, 125.893



54, 69.769, 124.934



4, 8.395, 128.257

Inverse Universe

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



45, 43.629, 308.784



52, 66.093, 309.436



49, 46.948, 324.235



32, 5.405, 306.753



20, 83.257, 310.489



1, 8.244, 304.869

Previews

White Background



This preview shows how the CIELCh color 63, 40.496, 124.201 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 63, 40.496, 124.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

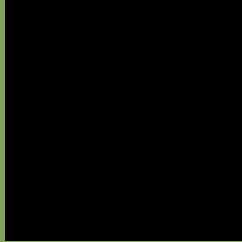
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 40.496, 124.201

Background



This preview shows how black text looks on a background with the CIELCh color 63, 40.496, 124.201.



This preview shows how white text looks on a background with the CIELCh color 63, 40.496, 124.201.

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
63, 40.496, 124.201

Protanopia
63, 36.208, 95.609

Deuteranopia
63, 33.109, 75.449



Tritanopia
63, 7.918, 257.384

Trichromacy



Original Color
63, 40.496, 124.201

Protanomaly
63, 36.441, 107.523

Deuteranomaly
62, 32.005, 95.578

Tritanomaly
63, 12.534, 145.177

Monochromacy



Original Color
63, 40.496, 124.201

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 15.215, 125.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 40.496, 124.201 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(132, 162, 91)` looks like.

```
.text, #text, p{  
    color:rgb(132, 162, 91)  
}
```

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(132, 162, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 162, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 40.496, 124.201 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(132, 162, 91) }
```

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

```
.border{ border-color:rgb(132, 162, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 162, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 162, 91); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 162, 91); box-shadow:4px 4px 4px 4px rgb(132, 162, 91) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 40.496, 124.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 162, 91) }
```

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

```
.background{ background-color: rgb(132,  
162, 91) }
```

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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