

Converting Colors

CIELCh(63, 24.359, 142.357)

Have a look what the booklet for
CIELCh(63, 24.359, 142.357)
contains.

CIELCh(63, 24.370, 142.331)	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(63, 24.370, 142.331)

Conversions

Conversions Part 1

Format	Color
Hex	7EA17D
RGB	126, 161, 125
RGB Percent	49%, 63%, 49%
CMY	0.5043, 0.3670, 0.5083
CMYK	0.22, 0.00, 0.22, 0.37
HSL	118°, 16%, 56%
HSV	118°, 22%, 63%
XYZ	25.2037, 31.5869, 24.3001
YIQ	146.4310, -9.3040, -18.6160

Conversions

Conversions Part 2

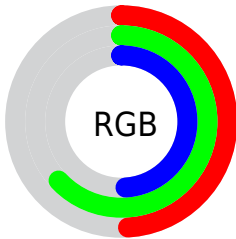
Format	Color
RYB	125, 161, 160
Decimal	8298877
CIELab	63.00, -19.29, 14.89
CIELCh	63, 24.370, 142.331
Yxy	31.5869, 0.3108, 0.3895
Android (android.graphics.Color)	4286488957 (0xFF7EA17D)
YUV	146.4310, -10.5655, -17.9180
Hunter-Lab	56.2022, -18.3061, 13.7065

Details

The CIELCh color **63, 24.370, 142.331** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **57, 24.413, 324.846**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 24.345, 142.681**, and **43, 24.178, 142.467** is the 20% darker color. If you saturate the color by 10%, you get **62, 35.245, 141.545**, and if you desaturate by 10%, it is **64, 13.405, 143.015**.

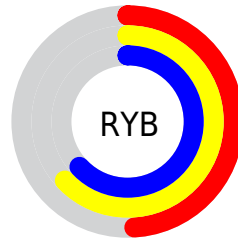
Distribution



Red (49%)

Green (63%)

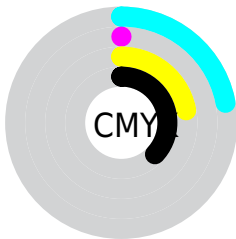
Blue (49%)



Red (49%)

Yellow (63%)

Blue (63%)

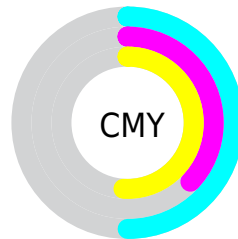


Cyan (22%)

Magenta (0%)

Yellow (22%)

Black (37%)



Cyan (50%)


Magenta (37%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 24.370, 142.331 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, 24.370, 142.331 by changing the saturation by 10% instead.


 63, 24.370,
142.331


 63, 24.370,
142.331


 100, 24.370,
142.331


 53, 24.370,
142.331


 83, 24.370,
142.331

 43, 24.370,
142.331

 93, 24.370,
142.331

 33, 24.370,
142.331

 23, 24.370,
142.331

 13, 24.370,
142.331

 3, 24.370, 142.331

 0, 24.370, 142.331

63, 24.370,
142.331

63, 24.370,
142.331

62, 35.245,
141.545

64, 13.405,
143.015

61, 45.820,
140.652

66, 2.498, 143.664

60, 55.833,
139.666

68, 8.240, 324.043

59, 64.957,
138.631

70, 18.735,
324.475

58, 72.794,
137.626

72, 28.940,
324.833

58, 78.911,
136.775

74, 38.830,
325.135

58, 82.941,
136.209

76, 48.395,
325.392

58, 84.921,

78, 57.635,
325.611

135.880

 79, 58.296,
326.429

Harmonies

Complementary

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



63, 24.370, 142.331



57, 24.413, 324.846

Rectangle

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



63, 24.370, 142.331



63, 24.370, 192.331



63, 24.370, 322.331



63, 24.370, 12.331

Sweetspot

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



63, 24.371, 142.331



82, 9.374, 143.339



65, 19.159, 106.641



43, 6.081, 143.306



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 24.371, 142.331



79, 36.404, 141.937



63, 17.458, 160.012



34, 6.201, 143.206



52, 78.624, 135.862



4, 9.624, 143.771

Inverse Universe

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



57, 24.413, 324.846



70, 36.460, 325.111



57, 17.867, 343.761



32, 6.213, 324.158



33, 76.117, 327.155



1, 9.589, 323.449

Previews

White Background



This preview shows how the CIELCh color 63, 24.370, 142.331 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, 24.370, 142.331 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, 24.370, 142.331

Background



This preview shows how black text looks on a background with the CIELCh color 63, 24.370, 142.331.



This preview shows how white text looks on a background with the CIELCh color 63, 24.370, 142.331.

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, 24.370, 142.331

Protanopia
63, 17.726, 94.645

Deuteranopia
63, 15.438, 57.826



Tritanopia
63, 10.179, 240.322

Trichromacy



Original Color
63, 24.370, 142.331

Protanomaly
63, 17.916, 116.103

Deuteranomaly
63, 13.506, 99.978

Tritanomaly
63, 10.458, 182.937

Monochromacy



Original Color
63, 24.370, 142.331

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 8.703, 141.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 24.370, 142.331 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(126, 161, 125)` looks like.

```
.text, #text, p{  
    color:rgb(126, 161, 125)  
}
```

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(126, 161, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 161, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 24.370, 142.331 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(126, 161, 125) }
```

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

```
.border{ border-color:rgb(126, 161, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 161, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 161, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 161, 125); box-shadow:4px 4px 4px 4px rgb(126, 161, 125) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 24.370, 142.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 161, 125) }
```

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

```
.background{ background-color: rgb(126,  
161, 125) }
```

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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