

Converting Colors

CIELCh(63, 37.538, 124.272)

Have a look what the booklet for
CIELCh(63, 37.538, 124.272)
contains.

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Color

CIELCh(63, 37.767, 124.407)

Conversions

Conversions Part 1

Format	Color
Hex	86A260
RGB	134, 162, 96
RGB Percent	53%, 64%, 38%
CMY	0.4759, 0.3661, 0.6249
CMYK	0.17, 0.00, 0.41, 0.37
HSL	85°, 26%, 50%
HSV	85°, 41%, 63%
XYZ	24.7241, 31.5869, 15.7771
YIQ	146.1040, 4.4980, -26.4620

Conversions

Conversions Part 2

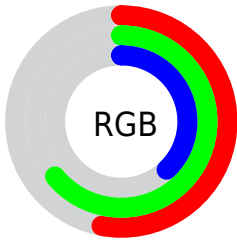
Format	Color
RYB	96, 162, 124
Decimal	8823392
CIELab	63.00, -21.34, 31.16
CIELCh	63, 37.767, 124.407
Yxy	31.5869, 0.3430, 0.4382
Android (android.graphics.Color)	4287013472 (0xFF86A260)
YUV	146.1040, -24.7013, -10.6152
Hunter-Lab	56.2022, -19.8295, 22.6977

Details

The CIELCh color $63, 37.767, 124.407$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $46, 40.441, 308.652$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 38.053, 124.407$, and $43, 37.538, 124.272$ is the 20% darker color. If you saturate the color by 10%, you get $62, 46.503, 123.978$, and if you desaturate by 10%, it is $64, 28.700, 124.892$.

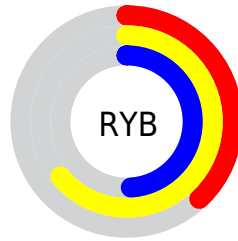
Distribution



Red (53%)

Green (64%)

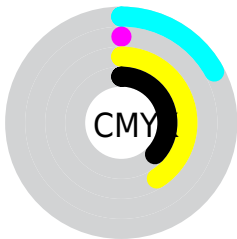
Blue (38%)



Red (38%)

Yellow (64%)

Blue (49%)

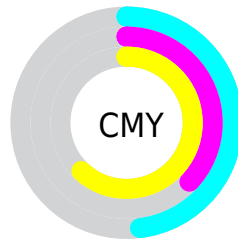


Cyan (17%)

Magenta (0%)

Yellow (41%)

Black (37%)



Cyan (48%)


Magenta (37%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 37.767, 124.407 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, 37.767, 124.407 by changing the saturation by 10% instead.


 63, 37.767,
124.407


 63, 37.767,
124.407


 100, 37.767,
124.407


 53, 37.767,
124.407


 83, 37.767,
124.407

 43, 37.767,
124.407

 93, 37.767,
124.407

 33, 37.767,
124.407

 23, 37.767,
124.407

 13, 37.767,
124.407

 3, 37.767, 124.407

 0, 37.767, 124.407

■ 63, 37.767,
124.407

■ 63, 37.767,
124.407

■ 62, 46.503,
123.978

■ 64, 28.700,
124.892

■ 62, 54.688,
123.658

■ 65, 19.445,
125.391

■ 61, 62.021,
123.532

■ 65, 10.107,
125.885

■ 61, 68.123,
123.711

■ 66, 0.756, 126.451

■ 67, 8.557, 306.777

■ 60, 72.622,
124.311

■ 68, 17.797,
307.189

■ 60, 75.554,
125.153

■ 70, 26.937,
307.564

■ 71, 35.959,
307.905

■ 72, 44.850,
308.214

Harmonies

Complementary

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



63, 37.767, 124.407



46, 40.441, 308.652

Rectangle

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



63, 37.767, 124.407



63, 37.767, 174.407



63, 37.767, 304.407



63, 37.767, 354.407

Sweetspot

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



63, 37.768, 124.409



82, 13.828, 125.817



55, 23.620, 61.712



43, 9.154, 125.758



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, 37.768, 124.409



79, 55.366, 124.014



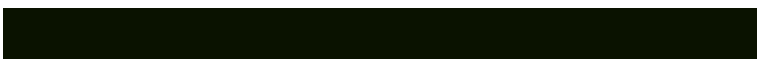
61, 43.569, 139.519



34, 5.325, 125.961



54, 69.811, 125.006



4, 8.398, 128.316

Inverse Universe

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



46, 40.441, 308.652



54, 60.366, 309.232



49, 43.781, 324.110



32, 5.407, 306.818



20, 83.225, 310.525



1, 8.247, 304.931

Previews

White Background



This preview shows how the CIELCh color 63, 37.767, 124.407 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 63, 37.767, 124.407 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, 37.767, 124.407

Background



This preview shows how black text looks on a background with the CIELCh color 63, 37.767, 124.407.



This preview shows how white text looks on a background with the CIELCh color 63, 37.767, 124.407.

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, 37.767, 124.407

Protanopia
63, 33.536, 95.903

Deuteranopia
63, 30.945, 74.433



Tritanopia
63, 8.061, 264.052

Trichromacy



Original Color
63, 37.767, 124.407

Protanomaly
63, 34.369, 107.828

Deuteranomaly
63, 29.904, 95.106

Tritanomaly
63, 10.943, 143.868

Monochromacy



Original Color
63, 37.767, 124.407

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 14.010, 125.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 37.767, 124.407 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(134, 162, 96)` looks like.

```
.text, #text, p{  
    color:rgb(134, 162, 96)  
}
```

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(134, 162, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 162, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 37.767, 124.407 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(134, 162, 96) }
```

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

```
.border{ border-color:rgb(134, 162, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 162, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 162, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 162, 96);  
box-shadow:4px 4px 4px 4px rgb(134, 162,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 37.767, 124.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 162, 96) }
```

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

```
.background{ background-color: rgb(134,  
162, 96) }
```

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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