

Converting Colors

CIELCh(62, 36.624, 124.328)

Have a look what the booklet for
CIELCh(62, 36.624, 124.328)
contains.

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Color

CIELCh(62, 36.745, 124.343)

Conversions

Conversions Part 1

Format	Color
Hex	849F5F
RGB	132, 159, 95
RGB Percent	52%, 62%, 37%
CMY	0.4835, 0.3776, 0.6285
CMYK	0.17, 0.00, 0.40, 0.38
HSL	85°, 25%, 50%
HSV	85°, 40%, 62%
XYZ	23.8744, 30.4025, 15.3732
YIQ	143.6310, 4.4520, -25.6280

Conversions

Conversions Part 2

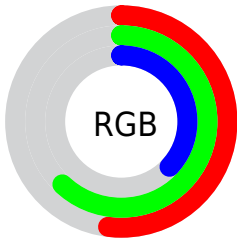
Format	Color
RYB	95, 159, 122
Decimal	8691551
CIELab	62.00, -20.73, 30.34
CIElCh	62, 36.745, 124.343
Yxy	30.4025, 0.3428, 0.4365
Android (android.graphics.Color)	4286881631 (0xFF849F5F)
YUV	143.6310, -23.9751, -10.2004
Hunter-Lab	55.1385, -19.2036, 22.0663

Details

The CIELCh color $62, 36.745, 124.343$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $45, 39.317, 308.540$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 37.051, 124.338$, and $42, 36.512, 124.206$ is the 20% darker color. If you saturate the color by 10%, you get $61, 45.370, 123.910$, and if you desaturate by 10%, it is $63, 27.804, 124.830$.

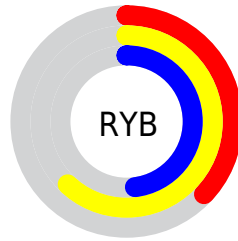
Distribution



Red (52%)

Green (62%)

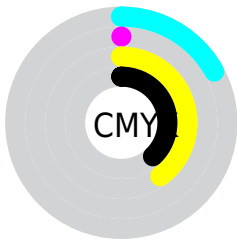
Blue (37%)



Red (37%)

Yellow (62%)

Blue (48%)

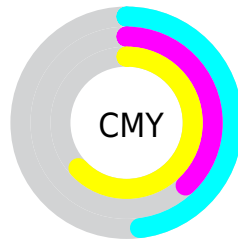


Cyan (17%)

Magenta (0%)

Yellow (40%)

Black (38%)



Cyan (48%)


Magenta (38%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 36.745, 124.343 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 62, 36.745, 124.343 by changing the saturation by 10% instead.


 62, 36.745,
124.343


 62, 36.745,
124.343


 100, 36.745,
124.343


 52, 36.745,
124.343


 82, 36.745,
124.343

 42, 36.745,
124.343

 92, 36.745,
124.343

 32, 36.745,
124.343

 22, 36.745,
124.343

 12, 36.745,
124.343

 2, 36.745, 124.343

 0, 36.745, 124.343

■ 62, 36.745,
124.343

■ 62, 36.745,
124.343

■ 61, 45.370,
123.910

■ 63, 27.804,
124.830

■ 61, 53.467,
123.581

■ 64, 18.684,
125.329

■ 60, 60.747,
123.440

■ 64, 9.486, 125.823

■ 60, 66.839,
123.597

■ 65, 0.279, 126.560

■ 66, 8.891, 306.714

■ 59, 71.373,
124.166

■ 67, 17.987,
307.124

■ 59, 74.476,
125.035

■ 69, 26.984,
307.499

■ 70, 35.866,
307.840

■ 71, 44.618,
308.149

Harmonies

Complementary

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



62, 36.745, 124.343



45, 39.317, 308.540

Rectangle

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



62, 36.745, 124.343



62, 36.745, 174.343



62, 36.745, 304.343



62, 36.745, 354.343

Sweetspot

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



62, 36.746, 124.345



82, 13.684, 125.729



54, 22.943, 61.767



43, 9.149, 125.670



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 36.746, 124.345



78, 53.740, 123.965



60, 42.414, 139.566



33, 5.184, 125.875



53, 68.847, 124.887



4, 6.837, 127.366

Inverse Universe

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



45, 39.317, 308.540



53, 58.492, 309.092



49, 42.621, 324.085



31, 5.264, 306.731



20, 82.183, 310.496



1, 6.770, 305.508

Previews

White Background



This preview shows how the CIELCh color 62, 36.745, 124.343 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 62, 36.745, 124.343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

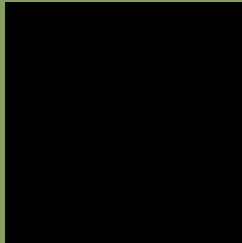
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 36.745, 124.343

Background



This preview shows how black text looks on a background with the CIELCh color 62, 36.745, 124.343.



This preview shows how white text looks on a background with the CIELCh color 62, 36.745, 124.343.

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](#).

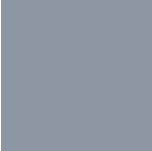
Dichromacy



Original Color
62, 36.745, 124.343

Protanopia
62, 32.595, 95.622

Deuteranopia
62, 30.297, 74.599



Tritanopia
62, 7.589, 262.033

Trichromacy



Original Color
62, 36.745, 124.343

Protanomaly
62, 33.410, 107.182

Deuteranomaly
62, 29.346, 95.755

Tritanomaly
62, 10.970, 143.860

Monochromacy



Original Color
62, 36.745, 124.343

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 14.061, 125.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 36.745, 124.343 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, 159, 95)` looks like.

```
.text, #text, p{  
    color:rgb(132, 159, 95)  
}
```

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, 159, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 159, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 36.745, 124.343 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, 159, 95) }
```

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

```
.border{ border-color:rgb(132, 159, 95) }
```

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

Here you see how a box with a 4 pixel rgb(132, 159, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 159, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 159, 95);  
box-shadow:4px 4px 4px 4px rgb(132, 159,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 36.745, 124.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 159, 95) }
```

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

```
.background{ background-color: rgb(132,  
159, 95) }
```

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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