

Converting Colors

CIELCh(58, 38.568, 124.467)

Have a look what the booklet for
CIELCh(58, 38.568, 124.467)
contains.

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Color

CIELCh(58, 38.870, 124.555)

Conversions

Conversions Part 1

Format	Color
Hex	789552
RGB	120, 149, 82
RGB Percent	47%, 58%, 32%
CMY	0.5307, 0.4170, 0.6797
CMYK	0.20, 0.00, 0.45, 0.42
HSL	86°, 29%, 45%
HSV	86°, 45%, 58%
XYZ	19.9040, 25.9610, 11.8818
YIQ	132.6910, 4.2230, -26.9850

Conversions

Conversions Part 2

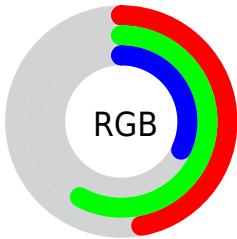
Format	Color
R_{YB}	82, 149, 111
Decimal	7902546
CIE _{Lab}	58.00, -22.05, 32.01
CIE _{LCh}	58, 38.870, 124.555
Yxy	25.9610, 0.3447, 0.4496
Android (android.graphics.Color)	4286092626 (0xFF789552)
YUV	132.6910, -24.9907, -11.1300
Hunter-Lab	50.9519, -19.4361, 21.8401

Details

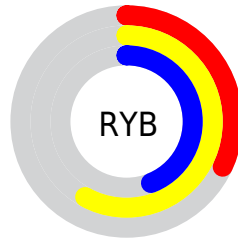
The CIELCh color $58, 38.870, 124.555$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $40, 41.887, 309.173$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 38.611, 124.842$, and $38, 38.525, 124.411$ is the 20% darker color. If you saturate the color by 10%, you get $57, 46.878, 124.165$, and if you desaturate by 10%, it is $59, 30.485, 125.019$.

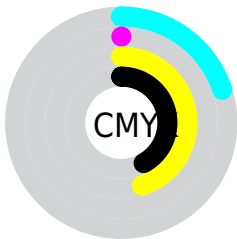
Distribution



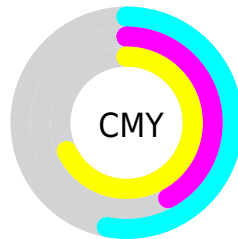
- Red (47%)
- Green (58%)
- Blue (32%)



- Red (32%)
- Yellow (58%)
- Blue (44%)



- Cyan (20%)
- Magenta (0%)
- Yellow (45%)
- Black (42%)





- Cyan (53%)
- Magenta (42%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 38.870, 124.555 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 58, 38.870, 124.555 by changing the saturation by 10% instead.


 58, 38.870,
124.555


 58, 38.870,
124.555


 100, 38.870,
124.555


 48, 38.870,
124.555


 78, 38.870,
124.555

 38, 38.870,
124.555

 88, 38.870,
124.555

 28, 38.870,
124.555

 98, 38.870,
124.555

 18, 38.870,
124.555

 8, 38.870, 124.555

 0, 38.870, 124.555

■ 58, 38.870,
124.555

■ 58, 38.870,
124.555

■ 57, 46.878,
124.165

■ 59, 30.485,
125.019

■ 57, 54.279,
123.910

■ 59, 21.879,
125.509

■ 56, 60.763,
123.886

■ 60, 13.161,
125.999

■ 56, 65.969,
124.206

■ 61, 4.410, 126.482

■ 56, 69.626,
124.964

■ 62, 4.323, 306.892

■ 55, 71.189,
125.370

■ 63, 12.998,
307.317

■ 64, 21.588,
307.700

■ 65, 30.074,
308.048

■ 66, 38.440,
308.364

Harmonies

Complementary

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



58, 38.870, 124.555



40, 41.887, 309.173

Rectangle

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



58, 38.870, 124.555



58, 38.870, 174.555



58, 38.870, 304.555



58, 38.870, 354.555

Sweetspot

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



58, 38.871, 124.557



77, 15.195, 126.036



50, 24.641, 61.333



40, 10.460, 125.941



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



58, 38.871, 124.557



73, 57.073, 124.163



56, 44.741, 139.188



31, 4.916, 126.282



52, 67.260, 125.257



2, 4.307, 126.693

Inverse Universe

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



40, 41.887, 309.173



47, 62.733, 309.789



44, 44.941, 324.274



29, 4.989, 307.115



19, 79.827, 310.746



0, 4.308, 306.691

Previews

White Background



This preview shows how the CIELCh color 58, 38.870, 124.555 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 38.870, 124.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

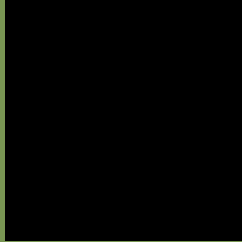
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 38.870, 124.555

Background



This preview shows how black text looks on a background with the CIELCh color 58, 38.870, 124.555.



This preview shows how white text looks on a background with the CIELCh color 58, 38.870, 124.555.

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
58, 38.870, 124.555

Protanopia
58, 34.504, 95.570

Deuteranopia
58, 31.691, 76.902



Tritanopia
58, 7.575, 255.041

Trichromacy



Original Color
58, 38.870, 124.555

Protanomaly
58, 35.303, 107.464

Deuteranomaly
58, 31.099, 97.419

Tritanomaly
58, 12.509, 143.727

Monochromacy



Original Color
58, 38.870, 124.555

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 14.258, 125.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 38.870, 124.555 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(120, 149, 82)` looks like.

```
.text, #text, p{  
    color:rgb(120, 149, 82)  
}
```

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(120, 149, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 149, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 38.870, 124.555 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(120, 149, 82) }
```

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

```
.border{ border-color:rgb(120, 149, 82) }
```

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

Here you see how a box with a 4 pixel rgb(120, 149, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 149, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 149, 82);  
box-shadow:4px 4px 4px 4px rgb(120, 149,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 38.870, 124.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 149, 82) }
```

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

```
.background{ background-color: rgb(120,  
149, 82) }
```

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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