

Converting Colors

CIELCh(60, 25.625, 124.407)

Have a look what the booklet for
CIELCh(60, 25.625, 124.407)
contains.

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Color

CIELCh(60, 25.602, 124.408)

Conversions

Conversions Part 1

Format	Color
Hex	85976B
RGB	133, 151, 107
RGB Percent	52%, 59%, 42%
CMY	0.4790, 0.4084, 0.5809
CMYK	0.12, 0.00, 0.29, 0.41
HSL	85°, 17%, 51%
HSV	85°, 29%, 59%
XYZ	23.3430, 28.1233, 18.0719
YIQ	140.6020, 3.3960, -17.5000

Conversions

Conversions Part 2

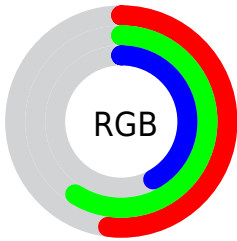
Format	Color
RYB	107, 151, 125
Decimal	8755051
CIELab	60.00, -14.47, 21.12
CIELCh	60, 25.602, 124.408
Yxy	28.1233, 0.3357, 0.4044
Android (android.graphics.Color)	4286945131 (0xFF85976B)
YUV	140.6020, -16.5658, -6.6670
Hunter-Lab	53.0314, -14.2342, 16.9173

Details

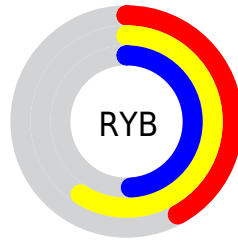
The CIELCh color $60, 25.602, 124.408$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $48, 26.858, 307.406$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 25.247, 124.049$, and $40, 25.567, 124.121$ is the 20% darker color. If you saturate the color by 10%, you get $59, 34.183, 123.919$, and if you desaturate by 10%, it is $61, 16.868, 124.913$.

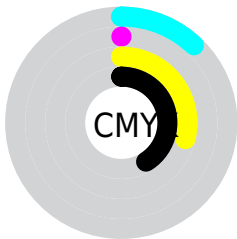
Distribution



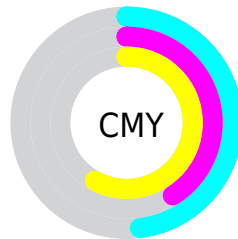
- Red (52%)
- Green (59%)
- Blue (42%)



- Red (42%)
- Yellow (59%)
- Blue (49%)



- Cyan (12%)
- Magenta (0%)
- Yellow (29%)
- Black (41%)




- Cyan (48%)
- Magenta (41%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 25.602, 124.408 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 60, 25.602, 124.408 by changing the saturation by 10% instead.

 60, 25.602,
124.408


 60, 25.602,
124.408


 100, 25.602,
124.408

 50, 25.602,
124.408

 80, 25.602,
124.408

 40, 25.602,
124.408

 90, 25.602,
124.408

 30, 25.602,
124.408

 20, 25.602,
124.408

 10, 25.602,
124.408

 0, 25.602, 124.408

 60, 25.602,

 60, 25.602,

124.408

124.408

■ 59, 34.183,
123.919

■ 61, 16.868,
124.913

■ 59, 42.477,
123.472

■ 62, 8.064, 125.410

■ 58, 50.298,
123.123

■ 62, 0.745, 305.777

■ 63, 9.516, 306.306

■ 58, 57.382,
122.948

■ 64, 18.218,
306.719

■ 57, 63.384,
123.051

■ 65, 26.826,
307.097

■ 57, 67.943,
123.545

■ 67, 35.325,
307.441

■ 56, 71.151,
124.393

■ 68, 43.704,
307.754

■ 56, 71.413,
124.459

■ 69, 51.954,

Harmonies

Complementary

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



60, 25.602, 124.408



48, 26.858, 307.406

Rectangle

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



60, 25.602, 124.408



60, 25.602, 174.408



60, 25.602, 304.408



60, 25.602, 354.408

Sweetspot

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



60, 25.603, 124.410



78, 9.820, 125.410



54, 15.341, 61.025



41, 6.879, 125.343



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 25.603, 124.410



76, 37.962, 124.085



59, 29.440, 140.020



32, 5.032, 125.407



53, 67.653, 124.354



3, 5.461, 126.192

Inverse Universe

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



48, 26.858, 307.406



58, 40.310, 307.818



51, 29.611, 323.084



30, 5.111, 306.274



19, 81.309, 310.273



1, 5.445, 305.583

Previews

White Background



This preview shows how the CIELCh color 60, 25.602, 124.408 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 CIE LCh color 60, 25.602, 124.408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

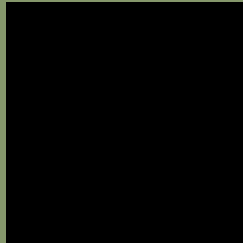
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 25.602, 124.408

Background



This preview shows how black text looks on a background with the CIELCh color 60, 25.602, 124.408.



This preview shows how white text looks on a background with the CIELCh color 60, 25.602, 124.408.

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

60, 25.602, 124.408

Protanopia

60, 22.883, 95.623

Deuteranopia

60, 21.180, 67.608



Tritanopia
60, 6.450, 274.084

Trichromacy



Original Color
60, 25.602, 124.408

Protanomaly
60, 22.872, 106.471

Deuteranomaly
60, 19.890, 91.735

Tritanomaly
60, 6.436, 146.911

Monochromacy



Original Color
60, 25.602, 124.408

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 9.472, 126.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 25.602, 124.408 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(133, 151, 107)` looks like.

```
.text, #text, p{  
    color:rgb(133, 151, 107)  
}
```

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(133, 151, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 151, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 25.602, 124.408 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(133, 151, 107) }
```

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

```
.border{ border-color:rgb(133, 151, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 151, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 151, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 151, 107);  
box-shadow:4px 4px 4px 4px rgb(133, 151,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 25.602, 124.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 151, 107) }
```

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

```
.background{ background-color: rgb(133,  
151, 107) }
```

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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