

Converting Colors

CIELCh(60, 53.595, 27.403)

Have a look what the booklet for
CIELCh(60, 53.595, 27.403) contains.

CIELCh(60, 53.504, 27.135)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(60, 53.504, 27.135)

Conversions

Conversions Part 1

Format	Color
Hex	E56A68
RGB	229, 106, 104
RGB Percent	90%, 42%, 41%
CMY	0.1003, 0.5828, 0.5908
CMYK	0.00, 0.54, 0.55, 0.10
HSL	1°, 71%, 65%
HSV	1°, 55%, 90%
XYZ	40.1625, 28.1233, 16.5018
YIQ	142.5490, 73.9500, 25.4540

Conversions

Conversions Part 2

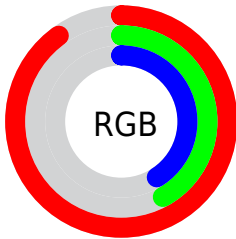
Format	Color
R_{YB}	229, 106, 104
Decimal	15034984
CIE _{Lab}	60.00, 47.62, 24.40
CIE _{LCh}	60, 53.504, 27.135
Yxy	28.1233, 0.4737, 0.3317
Android (android.graphics.Color)	4293225064 (0xFFE56A68)
YUV	142.5490, -19.0047, 75.8175
Hunter-Lab	53.0314, 42.3792, 18.6727

Details

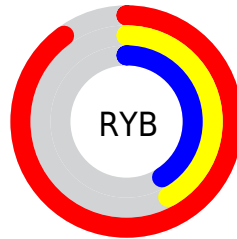
The CIELCh color **60, 53.504, 27.135** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **84, 35.465, 198.819**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 38.872, 26.780**, and **40, 53.403, 26.913** is the 20% darker color. If you saturate the color by 10%, you get **56, 64.748, 29.653**, and if you desaturate by 10%, it is **65, 42.412, 25.176**.

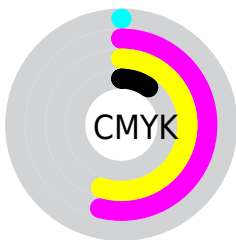
Distribution



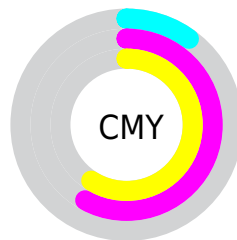
- Red (90%)
- Green (42%)
- Blue (41%)



- Red (90%)
- Yellow (42%)
- Blue (41%)



- Cyan (0%)
- Magenta (54%)
- Yellow (55%)
- Black (10%)



- Cyan (10%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 53.504, 27.135 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, 53.504, 27.135 by changing the saturation by 10% instead.

60, 53.504, 27.135

60, 53.504, 27.135

100, 53.504,
27.135

50, 53.504, 27.135

80, 53.504, 27.135

40, 53.504, 27.135

90, 53.504, 27.135

30, 53.504, 27.135

20, 53.504, 27.135

10, 53.504, 27.135

0, 53.504, 27.135

60, 53.504, 27.135

60, 53.504, 27.135

56, 64.748, 29.653

65, 42.412, 25.176

52, 75.741, 32.729

70, 31.761, 23.675

■ 50, 85.804, 36.106

■ 76, 21.718, 22.530

■ 48, 93.469, 38.949

■ 82, 12.360, 21.646

■ 48, 96.341, 40.131

■ 88, 3.696, 20.870

■ 95, 4.307, 200.672

■ 98, 8.708, 198.931

Harmonies

Complementary

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



60, 53.504, 27.135



84, 35.465, 198.819

Rectangle

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



60, 53.504, 27.135



60, 53.504, 77.135



60, 53.504, 207.135



60, 53.504, 257.135

Sweetspot

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



60, 53.501, 27.138



89, 14.934, 21.772



64, 76.870, 327.241



46, 10.166, 21.944



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 53.501, 27.138



61, 71.174, 29.897



73, 44.224, 68.536



45, 4.739, 21.262



37, 79.758, 40.156



7, 26.792, 22.575

Inverse Universe

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



84, 35.465, 198.819



91, 42.912, 198.687



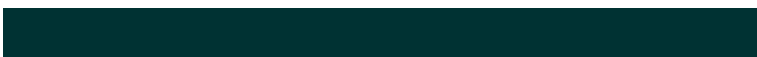
67, 37.700, 266.323



47, 4.462, 200.402



65, 37.475, 198.944



18, 15.781, 198.541

Previews

White Background



This preview shows how the CIELCh color 60, 53.504, 27.135 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 60, 53.504, 27.135 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, 53.504, 27.135

Background



This preview shows how black text looks on a background with the CIELCh color 60, 53.504, 27.135.



This preview shows how white text looks on a background with the CIELCh color 60, 53.504, 27.135.

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, 53.504, 27.135

Protanopia

60, 13.322, 94.292

Deuteranopia

60, 27.291, 74.190



Tritanopia
60, 53.022, 22.156

Trichromacy



Original Color
60, 53.504, 27.135

Protanomaly
59, 23.316, 42.354

Deuteranomaly
60, 33.827, 47.122

Tritanomaly
60, 53.098, 24.346

Monochromacy



Original Color
60, 53.504, 27.135

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 18.255, 23.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 53.504, 27.135 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(229, 106, 104)` looks like.

```
.text, #text, p{  
    color:rgb(229, 106, 104)  
}
```

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(229, 106, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 106, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 53.504, 27.135 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(229, 106, 104) }
```

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

```
.border{ border-color:rgb(229, 106, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 106, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 106, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 106, 104);  
box-shadow:4px 4px 4px 4px rgb(229, 106,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 53.504, 27.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 106, 104) }
```

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

```
.background{ background-color: rgb(229,  
106, 104) }
```

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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