

Converting Colors

CIELCh(60, 41.136, 138.836)

Have a look what the booklet for
CIELCh(60, 41.136, 138.836)
contains.

CIELCh(60, 41.251, 138.538)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(60, 41.251, 138.538)

Conversions

Conversions Part 1

Format	Color
Hex	679E5F
RGB	103, 158, 95
RGB Percent	40%, 62%, 37%
CMY	0.5964, 0.3808, 0.6278
CMYK	0.35, 0.00, 0.40, 0.38
HSL	112°, 25%, 50%
HSV	112°, 40%, 62%
XYZ	19.8546, 28.1233, 15.1870
YIQ	134.3730, -12.5570, -31.2530

Conversions

Conversions Part 2

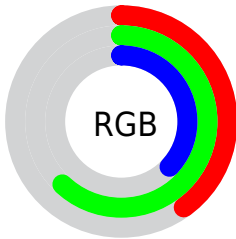
Format	Color
R_{YB}	95, 158, 150
Decimal	6790751
CIE _{Lab}	60.00, -30.91, 27.31
CIE _{LCh}	60, 41.251, 138.538
Yxy	28.1233, 0.3143, 0.4452
Android (android.graphics.Color)	4284980831 (0xFF679E5F)
YUV	134.3730, -19.4109, -27.5141
Hunter-Lab	53.0314, -25.9757, 20.1426

Details

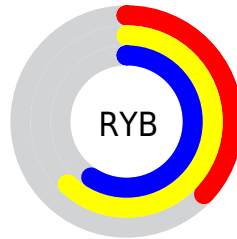
The CIELCh color $60, 41.251, 138.538$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $48, 41.626, 322.755$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 41.373, 138.517$, and $40, 41.344, 138.394$ is the 20% darker color. If you saturate the color by 10%, you get $59, 51.053, 137.759$, and if you desaturate by 10%, it is $61, 31.051, 139.261$.

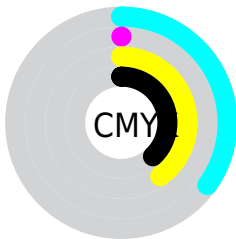
Distribution



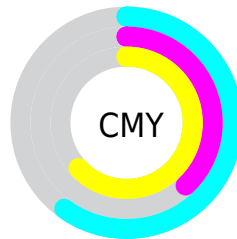
- Red (40%)
- Green (62%)
- Blue (37%)



- Red (37%)
- Yellow (62%)
- Blue (59%)



- Cyan (35%)
- Magenta (0%)
- Yellow (40%)
- Black (38%)





- Cyan (60%)
- Magenta (38%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 41.251, 138.538 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, 41.251, 138.538 by changing the saturation by 10% instead.


 60, 41.251,
138.538


 60, 41.251,
138.538


 100, 41.251,
138.538


 50, 41.251,
138.538


 80, 41.251,
138.538

 40, 41.251,
138.538

 90, 41.251,
138.538

 30, 41.251,
138.538

 20, 41.251,
138.538

 10, 41.251,
138.538

 0, 41.251, 138.538

 60, 41.251,

 60, 41.251,

138.538

138.538

■ 59, 51.053,
137.759

■ 61, 31.051,
139.261

■ 58, 60.179,
136.963

■ 62, 20.658,
139.909

■ 58, 68.281,
136.224

■ 64, 10.231,
140.484

■ 57, 74.945,
135.651

■ 65, 0.117, 319.323

■ 57, 79.763,
135.369

■ 67, 10.303,
321.357

■ 57, 82.856,
135.285

■ 68, 20.271,
321.725

■ 57, 82.886,
135.282

■ 70, 29.988,
322.034

■ 72, 39.432,
322.295

■ 74, 48.596,
322.518

Harmonies

Complementary

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



60, 41.251, 138.538



48, 41.626, 322.755

Rectangle

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



60, 41.251, 138.538



60, 41.251, 188.538



60, 41.251, 318.538



60, 41.251, 8.538

Sweetspot

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



60, 41.252, 138.539



81, 15.463, 140.355



61, 30.365, 99.818



43, 10.345, 140.287



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



60, 41.252, 138.539



76, 61.202, 137.835



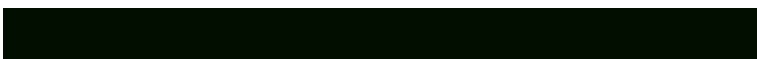
60, 32.807, 153.574



33, 5.850, 140.519



52, 76.942, 135.220



3, 7.647, 141.138

Inverse Universe

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



48, 41.626, 322.755



59, 61.755, 323.106



48, 33.463, 340.324



31, 5.873, 321.357



30, 75.740, 323.443



1, 7.575, 320.235

Previews

White Background



This preview shows how the CIELCh color 60, 41.251, 138.538 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, 41.251, 138.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

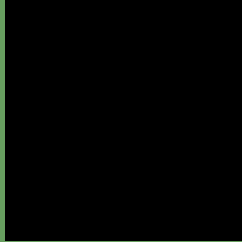
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 41.251, 138.538

Background



This preview shows how black text looks on a background with the CIELCh color 60, 41.251, 138.538.



This preview shows how white text looks on a background with the CIELCh color 60, 41.251, 138.538.

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, 41.251, 138.538

Protanopia
60, 31.098, 95.951

Deuteranopia
60, 26.376, 73.057



Tritanopia
60, 13.745, 228.193

Trichromacy



Original Color
60, 41.251, 138.538

Protanomaly
59, 32.407, 115.704

Deuteranomaly
59, 26.186, 105.246

Tritanomaly
60, 17.934, 169.524

Monochromacy



Original Color
60, 41.251, 138.538

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 15.367, 140.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 41.251, 138.538 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(103, 158, 95)` looks like.

```
.text, #text, p{  
    color:rgb(103, 158, 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(103, 158, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 158, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 41.251, 138.538 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(103, 158, 95) }
```

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

```
.border{ border-color:rgb(103, 158, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 158, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 158, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 158, 95);  
box-shadow:4px 4px 4px 4px rgb(103, 158,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 41.251, 138.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 158, 95) }
```

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

```
.background{ background-color: rgb(103,  
158, 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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