

Converting Colors

CIELCh(60, 34.785, 121.836)

Have a look what the booklet for
CIELCh(60, 34.785, 121.836)
contains.

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Color

CIELCh(60, 34.720, 121.333)

Conversions

Conversions Part 1

Format	Color
Hex	83985B
RGB	131, 152, 91
RGB Percent	51%, 60%, 36%
CMY	0.4855, 0.4031, 0.6424
CMYK	0.14, 0.00, 0.40, 0.40
HSL	81°, 25%, 48%
HSV	81°, 40%, 60%
XYZ	22.5498, 28.1233, 14.1808
YIQ	138.7670, 7.0650, -23.4230

Conversions

Conversions Part 2

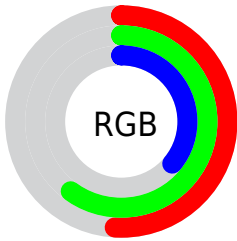
Format	Color
R_{YB}	91, 152, 112
Decimal	8624219
CIE _{Lab}	60.00, -18.05, 29.66
CIE _{LCh}	60, 34.720, 121.333
Yxy	28.1233, 0.3477, 0.4336
Android (android.graphics.Color)	4286814299 (0xFF83985B)
YUV	138.7670, -23.5491, -6.8117
Hunter-Lab	53.0314, -16.9040, 21.2676

Details

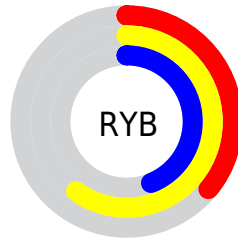
The CIELCh color $60, 34.720, 121.333$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $43, 37.494, 306.025$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 34.533, 121.129$, and $40, 34.992, 121.389$ is the 20% darker color. If you saturate the color by 10%, you get $59, 42.893, 120.865$, and if you desaturate by 10%, it is $61, 26.240, 121.858$.

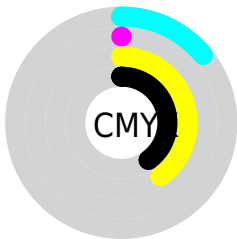
Distribution



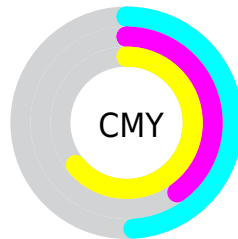
- Red (51%)
- Green (60%)
- Blue (36%)



- Red (36%)
- Yellow (60%)
- Blue (44%)



- Cyan (14%)
- Magenta (0%)
- Yellow (40%)
- Black (40%)





- Cyan (49%)
- Magenta (40%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 34.720, 121.333 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, 34.720, 121.333 by changing the saturation by 10% instead.


 60, 34.720,
121.333


 60, 34.720,
121.333


 100, 34.720,
121.333


 50, 34.720,
121.333


 80, 34.720,
121.333

 40, 34.720,
121.333

 90, 34.720,
121.333


 30, 34.720,
121.333

 20, 34.720,
121.333

 10, 34.720,
121.333

 0, 34.720, 121.333

 60, 34.720,

 60, 34.720,

121.333

121.333

■ 59, 42.893,
120.865

■ 61, 26.240,
121.858

■ 59, 50.559,
120.501

■ 61, 17.581,
122.399

■ 58, 57.443,
120.319

■ 62, 8.836, 122.938

■ 58, 63.191,
120.420

■ 63, 0.068, 124.224

■ 64, 8.679, 303.935

■ 58, 67.444,
120.913

■ 65, 17.374,
304.398

■ 57, 70.398,
121.716

■ 66, 25.993,
304.827

■ 67, 34.519,
305.223

■ 68, 42.939,

Harmonies

Complementary

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



60, 34.720, 121.333



43, 37.494, 306.025

Rectangle

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



60, 34.720, 121.333



60, 34.720, 171.333



60, 34.720, 301.333



60, 34.720, 351.333

Sweetspot

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



60, 34.721, 121.335



79, 13.074, 122.822



51, 22.102, 52.897



41, 8.649, 122.760



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, 34.721, 121.335



76, 51.200, 120.913



58, 39.731, 137.519



32, 4.972, 122.984



53, 66.265, 121.606



3, 5.399, 123.860

Inverse Universe

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



43, 37.494, 306.025



51, 56.453, 306.721



46, 40.257, 321.547



30, 5.057, 303.943



18, 82.346, 309.170



1, 5.385, 303.238

Previews

White Background



This preview shows how the CIELCh color 60, 34.720, 121.333 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, 34.720, 121.333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

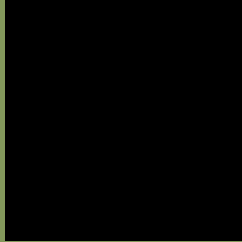
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 34.720, 121.333

Background



This preview shows how black text looks on a background with the CIELCh color 60, 34.720, 121.333.



This preview shows how white text looks on a background with the CIELCh color 60, 34.720, 121.333.

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, 34.720, 121.333

Protanopia
60, 31.717, 95.260

Deuteranopia
60, 29.519, 75.389



Tritanopia
60, 6.450, 274.084

Trichromacy



Original Color
60, 34.720, 121.333

Protanomaly
60, 32.018, 105.703

Deuteranomaly
60, 28.685, 93.594

Tritanomaly
60, 10.032, 134.899

Monochromacy



Original Color
60, 34.720, 121.333

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 12.835, 123.401

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 34.720, 121.333 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(131, 152, 91)` looks like.

```
.text, #text, p{  
    color:rgb(131, 152, 91)  
}
```

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(131, 152, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 152, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 34.720, 121.333 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(131, 152, 91) }
```

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

```
.border{ border-color:rgb(131, 152, 91) }
```

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

Here you see how a box with a 4 pixel rgb(131, 152, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 152, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 152, 91);  
box-shadow:4px 4px 4px 4px rgb(131, 152,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 34.720, 121.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 152, 91) }
```

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

```
.background{ background-color: rgb(131,  
152, 91) }
```

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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