

Converting Colors

CIELCh(60, 35.279, 134.996)

Have a look what the booklet for
CIELCh(60, 35.279, 134.996)
contains.

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Color

CIELCh(60, 34.823, 135.387)

Conversions

Conversions Part 1

Format	Color
Hex	729B64
RGB	114, 155, 100
RGB Percent	45%, 61%, 39%
CMY	0.5513, 0.3904, 0.6062
CMYK	0.26, 0.00, 0.35, 0.39
HSL	105°, 22%, 50%
HSV	105°, 35%, 61%
XYZ	21.1097, 28.1233, 16.4767
YIQ	136.4710, -6.7810, -25.7970

Conversions

Conversions Part 2

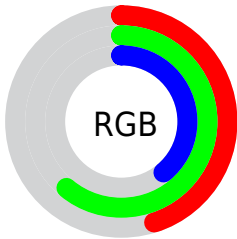
Format	Color
RYB	100, 155, 141
Decimal	7510884
CIELab	60.00, -24.79, 24.46
CIELCh	60, 34.823, 135.387
Yxy	28.1233, 0.3213, 0.4280
Android (android.graphics.Color)	4285700964 (0xFF729B64)
YUV	136.4710, -17.9802, -19.7071
Hunter-Lab	53.0314, -21.7512, 18.7008

Details

The CIELCh color $60, 34.823, 135.387$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49, 35.559, 318.640$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 35.195, 135.278$, and $40, 35.300, 135.290$ is the 20% darker color. If you saturate the color by 10%, you get $59, 44.364, 134.796$, and if you desaturate by 10%, it is $61, 25.039, 135.952$.

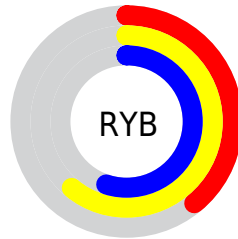
Distribution



Red (45%)

Green (61%)

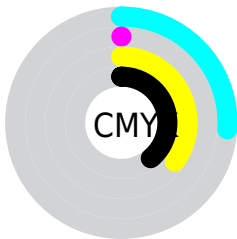
Blue (39%)



Red (39%)

Yellow (61%)

Blue (55%)

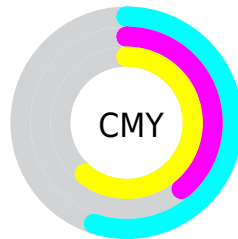


Cyan (26%)

Magenta (0%)

Yellow (35%)

Black (39%)



Cyan (55%)


Magenta (39%)


Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 34.823, 135.387 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, 34.823, 135.387 by changing the saturation by 10% instead.


 60, 34.823,
135.387


 60, 34.823,
135.387


 100, 34.823,
135.387


 50, 34.823,
135.387


 80, 34.823,
135.387

 40, 34.823,
135.387

 90, 34.823,
135.387


 30, 34.823,
135.387

 20, 34.823,
135.387

 10, 34.823,
135.387

 0, 34.823, 135.387

 60, 34.823,

 60, 34.823,

135.387

135.387

■ 59, 44.364,
134.796

■ 61, 25.039,
135.952

■ 58, 53.451,
134.213

■ 62, 15.157,
136.473

■ 58, 61.809,
133.702

■ 63, 5.289, 136.954

■ 57, 69.077,
133.359

■ 65, 4.486, 317.296

■ 57, 74.849,
133.305

■ 66, 14.113,
317.676

■ 56, 78.821,
133.627

■ 68, 23.554,
317.988

■ 56, 80.327,
133.759

■ 69, 32.785,
318.256

■ 71, 41.791,
318.485

■ 73, 50.567,
318.680

Harmonies

Complementary

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



60, 34.823, 135.387



49, 35.559, 318.640

Rectangle

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



60, 34.823, 135.387



60, 34.823, 185.387



60, 34.823, 315.387



60, 34.823, 5.387

Sweetspot

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



60, 34.824, 135.388



79, 13.348, 136.677



59, 23.573, 91.792



42, 9.045, 136.617



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 34.824, 135.388



75, 50.805, 134.950



59, 31.970, 148.935



32, 5.475, 136.772



51, 74.413, 133.653



3, 5.914, 137.284

Inverse Universe

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



49, 35.559, 318.640



59, 52.074, 318.933



50, 32.159, 334.057



30, 5.512, 317.516



26, 76.063, 319.021



1, 5.887, 316.761

Previews

White Background



This preview shows how the CIELCh color 60, 34.823, 135.387 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, 34.823, 135.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

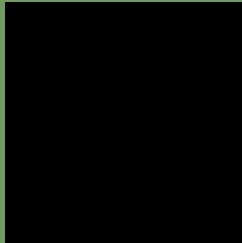
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 34.823, 135.387

Background



This preview shows how black text looks on a background with the CIELCh color 60, 34.823, 135.387.



This preview shows how white text looks on a background with the CIELCh color 60, 34.823, 135.387.

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, 34.823, 135.387

Protanopia
60, 27.284, 95.969

Deuteranopia
60, 24.215, 71.366



Tritanopia
60, 10.770, 238.007

Trichromacy



Original Color
60, 34.823, 135.387

Protanomaly
60, 27.889, 113.170

Deuteranomaly
59, 23.067, 101.089

Tritanomaly
60, 13.668, 165.655

Monochromacy



Original Color
60, 34.823, 135.387

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 12.850, 136.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 34.823, 135.387 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(114, 155, 100)` looks like.

```
.text, #text, p{  
    color:rgb(114, 155, 100)  
}
```

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(114, 155, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 155, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 34.823, 135.387 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(114, 155, 100) }
```

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

```
.border{ border-color:rgb(114, 155, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 155, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 155, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 155, 100);  
box-shadow:4px 4px 4px 4px rgb(114, 155,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 34.823, 135.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 155, 100) }
```

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

```
.background{ background-color: rgb(114,  
155, 100) }
```

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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