

Converting Colors

CIELCh(59, 43.285, 135.458)

Have a look what the booklet for
CIELCh(59, 43.285, 135.458)
contains.

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Color

CIELCh(59, 43.081, 135.427)

Conversions

Conversions Part 1

Format	Color
Hex	679B57
RGB	103, 155, 87
RGB Percent	40%, 61%, 34%
CMY	0.5960, 0.3920, 0.6587
CMYK	0.34, 0.00, 0.44, 0.39
HSL	106°, 28%, 47%
HSV	106°, 44%, 61%
XYZ	19.0455, 27.0277, 13.2363
YIQ	131.7000, -9.1640, -32.1720

Conversions

Conversions Part 2

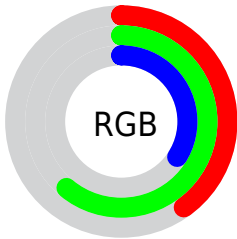
Format	Color
R_{YB}	87, 155, 139
Decimal	6789975
CIE _{Lab}	59.00, -30.69, 30.23
CIE _{LCh}	59, 43.081, 135.427
Yxy	27.0277, 0.3211, 0.4557
Android (android.graphics.Color)	4284980055 (0xFF679B57)
YUV	131.7000, -22.0371, -25.1699
Hunter-Lab	51.9882, -25.5872, 21.2964

Details

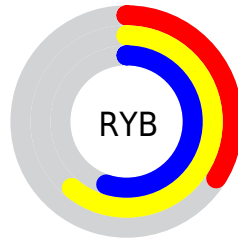
The CIELCh color $59, 43.081, 135.427$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $45, 44.063, 319.576$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 43.157, 135.544$, and $39, 43.087, 135.268$ is the 20% darker color. If you saturate the color by 10%, you get $58, 52.282, 134.814$, and if you desaturate by 10%, it is $60, 33.458, 136.037$.

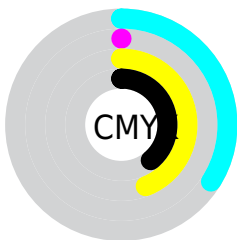
Distribution



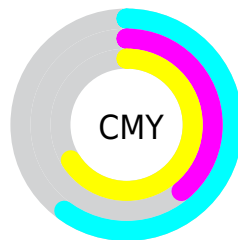
- Red (40%)
- Green (61%)
- Blue (34%)



- Red (34%)
- Yellow (61%)
- Blue (55%)



- Cyan (34%)
- Magenta (0%)
- Yellow (44%)
- Black (39%)





- Cyan (60%)
- Magenta (39%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 43.081, 135.427 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 59, 43.081, 135.427 by changing the saturation by 10% instead.


 59, 43.081,
135.427

 59, 43.081,
135.427


 100, 43.081,
135.427

 49, 43.081,
135.427


 79, 43.081,
135.427

 39, 43.081,
135.427

 89, 43.081,
135.427

 29, 43.081,
135.427

 99, 43.081,
135.427

 19, 43.081,
135.427

 9, 43.081, 135.427

 0, 43.081, 135.427

■ 59, 43.081,
135.427

■ 59, 43.081,
135.427

■ 58, 52.282,
134.814

■ 60, 33.458,
136.037

■ 57, 60.790,
134.252

■ 61, 23.610,
136.610

■ 57, 68.255,
133.834

■ 62, 13.685,
137.134

■ 56, 74.269,
133.678

■ 63, 3.790, 137.627

■ 56, 78.477,
133.893

■ 65, 5.998, 317.960

■ 66, 15.625,
318.328

■ 56, 80.468,
134.049

■ 68, 25.056,
318.635

■ 70, 34.266,
318.897

■ 71, 43.245,
319.121

Harmonies

Complementary

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



59, 43.081, 135.427



45, 44.063, 319.576

Rectangle

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



59, 43.081, 135.427



59, 43.081, 185.427



59, 43.081, 315.427



59, 43.081, 5.427

Sweetspot

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



59, 43.082, 135.428



79, 15.881, 137.164



58, 29.622, 91.912



42, 11.210, 137.060



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



59, 43.082, 135.428



74, 63.663, 134.803



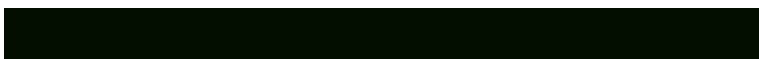
58, 38.775, 148.613



32, 5.507, 137.362



51, 74.694, 133.952



3, 5.947, 137.867

Inverse Universe

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



45, 44.063, 319.576



54, 65.317, 319.919



46, 38.989, 335.364



30, 5.542, 318.115



27, 75.828, 319.662



1, 5.919, 317.351

Previews

White Background



This preview shows how the CIELCh color 59, 43.081, 135.427 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 59, 43.081, 135.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

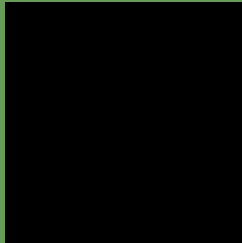
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 43.081, 135.427

Background



This preview shows how black text looks on a background with the CIELCh color 59, 43.081, 135.427.



This preview shows how white text looks on a background with the CIELCh color 59, 43.081, 135.427.

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
59, 43.081, 135.427

Protanopia
59, 33.393, 95.465

Deuteranopia
59, 29.167, 74.822



Tritanopia
59, 12.943, 230.424

Trichromacy



Original Color
59, 43.081, 135.427

Protanomaly
58, 34.455, 113.497

Deuteranomaly
58, 29.024, 103.288

Tritanomaly
59, 17.750, 164.884

Monochromacy



Original Color
59, 43.081, 135.427

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 15.714, 137.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 43.081, 135.427 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, 155, 87)` looks like.

```
.text, #text, p{  
    color:rgb(103, 155, 87)  
}
```

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, 155, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 155, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 43.081, 135.427 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, 155, 87) }
```

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

```
.border{ border-color:rgb(103, 155, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 155, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 155, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 155, 87);  
box-shadow:4px 4px 4px 4px rgb(103, 155,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 43.081, 135.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 155, 87) }
```

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

```
.background{ background-color: rgb(103,  
155, 87) }
```

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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