

Converting Colors

CIELCh(59, 24.773, 136.670)

Have a look what the booklet for
CIELCh(59, 24.773, 136.670)
contains.

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Color

CIELCh(59, 24.586, 137.252)

Conversions

Conversions Part 1

Format	Color
Hex	789670
RGB	120, 150, 112
RGB Percent	47%, 59%, 44%
CMY	0.5289, 0.4113, 0.5603
CMYK	0.20, 0.00, 0.25, 0.41
HSL	107°, 15%, 51%
HSV	107°, 25%, 59%
XYZ	21.6208, 27.0277, 19.4419
YIQ	136.6980, -5.6820, -18.1780

Conversions

Conversions Part 2

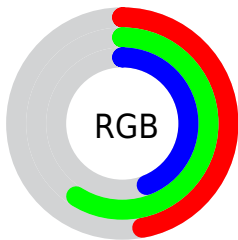
Format	Color
R_{YB}	112, 150, 142
Decimal	7902832
CIE _{Lab}	59.00, -18.05, 16.69
CIE _{LCh}	59, 24.586, 137.252
Yxy	27.0277, 0.3175, 0.3969
Android (android.graphics.Color)	4286092912 (0xFF789670)
YUV	136.6980, -12.1761, -14.6441
Hunter-Lab	51.9882, -16.7449, 14.2192

Details

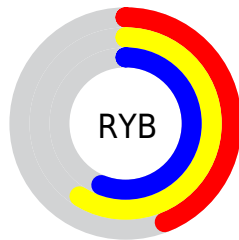
The CIELCh color $59, 24.586, 137.252$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $51, 24.888, 319.580$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 24.325, 137.122$, and $39, 24.443, 137.037$ is the 20% darker color. If you saturate the color by 10%, you get $58, 34.234, 136.654$, and if you desaturate by 10%, it is $60, 14.847, 137.798$.

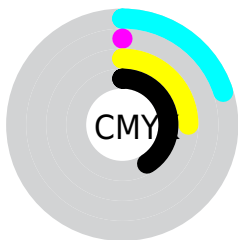
Distribution



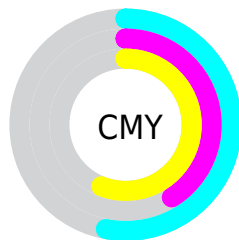
- Red (47%)
- Green (59%)
- Blue (44%)



- Red (44%)
- Yellow (59%)
- Blue (56%)



- Cyan (20%)
- Magenta (0%)
- Yellow (25%)
- Black (41%)





- Cyan (53%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 24.586, 137.252 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, 24.586, 137.252 by changing the saturation by 10% instead.


 59, 24.586,
137.252

 59, 24.586,
137.252


 100, 24.586,
137.252


 49, 24.586,
137.252


 79, 24.586,
137.252

 39, 24.586,
137.252

 89, 24.586,
137.252

 29, 24.586,
137.252

 99, 24.586,
137.252

 19, 24.586,
137.252

 9, 24.586, 137.252

 0, 24.586, 137.252

■ 59, 24.586,
137.252

■ 59, 24.586,
137.252

■ 58, 34.234,
136.654

■ 60, 14.847,
137.798

■ 57, 43.632,
136.014

■ 61, 5.125, 138.299

■ 56, 52.576,
135.367

■ 63, 4.497, 318.648

■ 56, 60.788,
134.773

■ 64, 13.962,
319.037

■ 55, 67.915,
134.325

■ 66, 23.232,
319.354

■ 55, 73.558,
134.143

■ 67, 32.282,
319.624


■ 54, 77.423,
134.312

■ 69, 41.098,
319.855

■ 54, 78.910,

■ 71, 49.676,
320.051

134.362

 73, 58.016,
320.218

Harmonies

Complementary

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



59, 24.586, 137.252



51, 24.888, 319.580

Rectangle

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



59, 24.586, 137.252



59, 24.586, 187.252



59, 24.586, 317.252



59, 24.586, 7.252

Sweetspot

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



59, 24.587, 137.253



78, 9.617, 138.157



59, 17.108, 96.476



41, 6.895, 138.087



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 24.587, 137.253



75, 36.243, 136.941



59, 21.468, 151.727



31, 5.394, 138.107



50, 74.016, 134.281



2, 4.706, 138.497

Inverse Universe

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



51, 24.888, 319.580



64, 36.769, 319.808



52, 21.650, 335.338



29, 5.424, 318.869



27, 74.542, 320.510



1, 4.707, 318.494

Previews

White Background



This preview shows how the CIELCh color 59, 24.586, 137.252 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, 24.586, 137.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

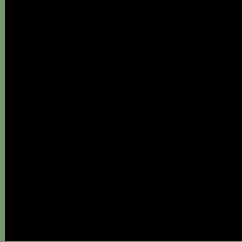
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 24.586, 137.252

Background



This preview shows how black text looks on a background with the CIELCh color 59, 24.586, 137.252.



This preview shows how white text looks on a background with the CIELCh color 59, 24.586, 137.252.

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, 24.586, 137.252

Protanopia

59, 19.060, 95.048

Deuteranopia

59, 16.963, 64.102



Tritanopia
59, 9.065, 247.871

Trichromacy



Original Color
59, 24.586, 137.252

Protanomaly
59, 19.699, 112.788

Deuteranomaly
59, 15.496, 97.444

Tritanomaly
59, 9.089, 176.551

Monochromacy



Original Color
59, 24.586, 137.252

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 9.098, 137.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 24.586, 137.252 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(120, 150, 112)` looks like.

```
.text, #text, p{  
    color:rgb(120, 150, 112)  
}
```

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(120, 150, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 150, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 24.586, 137.252 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(120, 150, 112) }
```

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

```
.border{ border-color:rgb(120, 150, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 150, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 150, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 150, 112);  
box-shadow:4px 4px 4px 4px rgb(120, 150,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 24.586, 137.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 150, 112) }
```

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

```
.background{ background-color: rgb(120,  
150, 112) }
```

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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