

Converting Colors

CIELCh(60, 11.538, 88.785)

Have a look what the booklet for
CIELCh(60, 11.538, 88.785) contains.

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Color

CIELCh(60, 11.835, 90.600)

Conversions

Conversions Part 1

Format	Color
Hex	99907C
RGB	153, 144, 124
RGB Percent	60%, 56%, 49%
CMY	0.4005, 0.4357, 0.5142
CMYK	0.00, 0.06, 0.19, 0.40
HSL	41°, 12%, 54%
HSV	41°, 19%, 60%
XYZ	26.7001, 28.1233, 23.0516
YIQ	144.4110, 11.7840, -4.3120

Conversions

Conversions Part 2

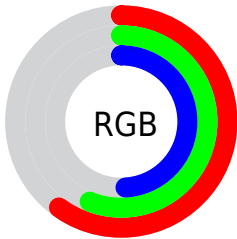
Format	Color
RYB	137, 153, 124
Decimal	10063996
CIELab	60.00, -0.12, 11.83
CIElCh	60, 11.835, 90.600
Yxy	28.1233, 0.3429, 0.3611
Android (android.graphics.Color)	4288254076 (0xFF99907C)
YUV	144.4110, -10.0626, 7.5326
Hunter-Lab	53.0314, -2.9345, 11.3500

Details

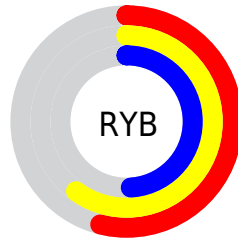
The CIELCh color $60, 11.835, 90.600$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 11.849, 275.509$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 11.770, 90.102$, and $40, 12.074, 90.868$ is the 20% darker color. If you saturate the color by 10%, you get $58, 18.233, 89.340$, and if you desaturate by 10%, it is $62, 5.541, 91.825$.

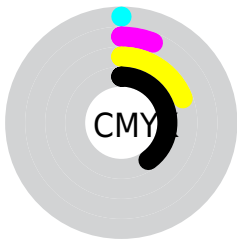
Distribution



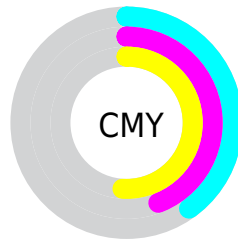
- Red (60%)
- Green (56%)
- Blue (49%)



- Red (54%)
- Yellow (60%)
- Blue (49%)



- Cyan (0%)
- Magenta (6%)
- Yellow (19%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 11.835, 90.600 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, 11.835, 90.600 by changing the saturation by 10% instead.

60, 11.835, 90.600

60, 11.835, 90.600

100, 11.835,
90.600

50, 11.835, 90.600

80, 11.835, 90.600

40, 11.835, 90.600

90, 11.835, 90.600

30, 11.835, 90.600

20, 11.835, 90.600

10, 11.835, 90.600

0, 11.835, 90.600

60, 11.835, 90.600

60, 11.835, 90.600

58, 18.233, 89.340

62, 5.541, 91.825

57, 24.704, 88.032

63, 0.642, 273.338

■ 55, 31.189, 86.686

■ 65, 6.711, 274.222

■ 54, 37.576, 85.295

■ 67, 12.672,
275.306

■ 52, 43.655, 83.838

■ 69, 18.529,
276.347

■ 51, 49.072, 82.264

■ 50, 53.299, 80.477

■ 70, 24.291,
277.340

■ 48, 56.179, 78.443

■ 72, 29.963,
278.283

■ 48, 56.492, 78.245

■ 74, 35.553,
279.176

■ 76, 37.761,
278.218

Harmonies

Complementary

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



60, 11.835, 90.600



55, 11.849, 275.509

Rectangle

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



60, 11.835, 90.600



60, 11.835, 140.600



60, 11.835, 270.600



60, 11.835, 320.600

Sweetspot

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



60, 11.836, 90.609



79, 4.580, 92.153



55, 12.783, 356.653



41, 3.032, 92.088



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, 11.836, 90.609



75, 17.858, 90.044



62, 16.276, 116.050



32, 3.496, 91.795



44, 53.064, 78.460



2, 3.715, 92.033

Inverse Universe

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



55, 11.849, 275.509



69, 17.878, 276.228



53, 16.941, 298.809



30, 3.504, 274.117



23, 63.488, 297.041



1, 3.782, 273.325

Previews

White Background



This preview shows how the CIELCh color 60, 11.835, 90.600 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, 11.835, 90.600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

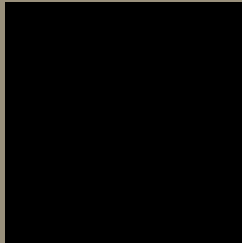
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

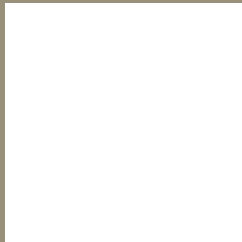
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 11.835, 90.600

Background



This preview shows how black text looks on a background with the CIELCh color 60, 11.835, 90.600.



This preview shows how white text looks on a background with the CIELCh color 60, 11.835, 90.600.

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, 11.835, 90.600

Protanopia

60, 11.711, 92.531

Deuteranopia

60, 13.820, 54.759



Tritanopia
60, 8.803, 335.457

Trichromacy



Original Color
60, 11.835, 90.600

Protanomaly
60, 11.711, 92.531

Deuteranomaly
60, 12.293, 66.669

Tritanomaly
60, 5.551, 19.882

Monochromacy



Original Color
60, 11.835, 90.600

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 4.105, 92.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 11.835, 90.600 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(153, 144, 124)` looks like.

```
.text, #text, p{  
    color:rgb(153, 144, 124)  
}
```

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(153, 144, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 144, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 11.835, 90.600 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(153, 144, 124) }
```

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

```
.border{ border-color:rgb(153, 144, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 144, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 144, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 144, 124);  
box-shadow:4px 4px 4px 4px rgb(153, 144,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 11.835, 90.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 144, 124) }
```

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

```
.background{ background-color: rgb(153,  
144, 124) }
```

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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