

Converting Colors

CIELCh(60, 19.637, 91.271)

Have a look what the booklet for
CIELCh(60, 19.637, 91.271) contains.

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Color

CIELCh(60, 19.865, 91.758)

Conversions

Conversions Part 1

Format	Color
Hex	9D906E
RGB	157, 144, 110
RGB Percent	62%, 56%, 43%
CMY	0.3854, 0.4364, 0.5697
CMYK	0.00, 0.08, 0.30, 0.39
HSL	43°, 19%, 52%
HSV	43°, 30%, 61%
XYZ	26.5815, 28.1233, 18.7041
YIQ	144.0110, 18.6620, -7.8180

Conversions

Conversions Part 2

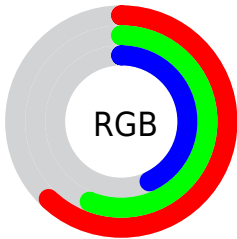
Format	Color
R_{YB}	128, 157, 110
Decimal	10326126
CIE Lab	60.00, -0.61, 19.86
CIE LCh	60, 19.865, 91.758
Yxy	28.1233, 0.3621, 0.3831
Android (android.graphics.Color)	4288516206 (0xFF9D906E)
YUV	144.0110, -16.7674, 11.3914
Hunter-Lab	53.0314, -3.3337, 16.2105

Details

The CIELCh color $60, 19.865, 91.758$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $52, 20.121, 279.766$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 19.851, 92.242$, and $40, 19.981, 92.067$ is the 20% darker color. If you saturate the color by 10%, you get $59, 26.615, 90.479$, and if you desaturate by 10%, it is $62, 13.155, 93.012$.

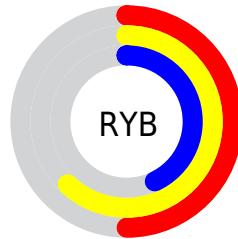
Distribution



Red (62%)

Green (56%)

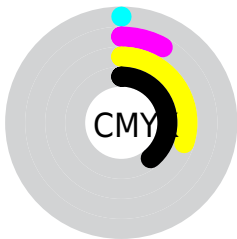
Blue (43%)



Red (50%)

Yellow (62%)

Blue (43%)

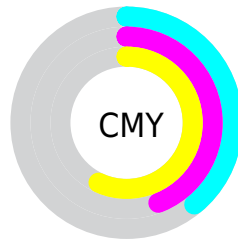


Cyan (0%)

Magenta (8%)

Yellow (30%)

Black (39%)



Cyan (39%)

Magenta (44%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 19.865, 91.758 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, 19.865, 91.758 by changing the saturation by 10% instead.

60, 19.865, 91.758

60, 19.865, 91.758

100, 19.865,
91.758

50, 19.865, 91.758

80, 19.865, 91.758

40, 19.865, 91.758

90, 19.865, 91.758

30, 19.865, 91.758

20, 19.865, 91.758

10, 19.865, 91.758

0, 19.865, 91.758

60, 19.865, 91.758

60, 19.865, 91.758

59, 26.615, 90.479

62, 13.155, 93.012

57, 33.328, 89.161

63, 6.520, 94.213

56, 39.867, 87.804

65, 0.022, 282.989

54, 45.991, 86.391

66, 6.465, 276.567

53, 51.309, 84.879

68, 12.808,
277.634

52, 55.270, 83.183

70, 19.056,
278.660

51, 57.892, 81.304

71, 25.214,
279.639

51, 57.898, 81.299

73, 31.286,
280.568

75, 37.279,
281.448

Harmonies

Complementary

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



60, 19.865, 91.758



52, 20.121, 279.766

Rectangle

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



60, 19.865, 91.758



60, 19.865, 141.758



60, 19.865, 271.758



60, 19.865, 321.758

Sweetspot

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



60, 19.866, 91.764



80, 7.285, 94.307



51, 20.701, 0.368



42, 5.056, 94.148



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, 19.866, 91.764



75, 29.672, 90.904



63, 26.221, 116.682



33, 3.719, 94.298



46, 54.120, 81.500



3, 4.670, 92.796

Inverse Universe

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



52, 20.121, 279.766



63, 30.187, 281.042



49, 27.966, 300.979



31, 3.739, 276.576



22, 67.714, 298.785



1, 4.926, 276.406

Previews

White Background



This preview shows how the CIELCh color 60, 19.865, 91.758 looks on a white background.

Color Contrast Check

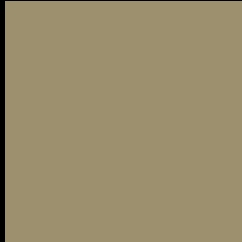
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.865, 91.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

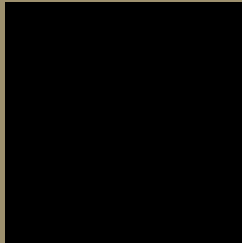
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 19.865, 91.758

Background



This preview shows how black text looks on a background with the CIELCh color 60, 19.865, 91.758.



This preview shows how white text looks on a background with the CIELCh color 60, 19.865, 91.758.

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, 19.865, 91.758

Protanopia

60, 19.633, 94.163

Deuteranopia

60, 20.850, 68.512



Tritanopia
60, 10.936, 346.029

Trichromacy



Original Color
60, 19.865, 91.758

Protanomaly
60, 19.744, 92.954

Deuteranomaly
60, 19.875, 77.005

Tritanomaly
60, 8.187, 40.092

Monochromacy



Original Color
60, 19.865, 91.758

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 7.035, 92.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 19.865, 91.758 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(157, 144, 110)` looks like.

```
.text, #text, p{  
    color:rgb(157, 144, 110)  
}
```

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(157, 144, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 144, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 19.865, 91.758 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(157, 144, 110) }
```

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

```
.border{ border-color:rgb(157, 144, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 144, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 144, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 144, 110); box-shadow:4px 4px 4px 4px rgb(157, 144, 110) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 19.865, 91.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 144, 110) }
```

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

```
.background{ background-color: rgb(157,  
144, 110) }
```

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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