

Converting Colors

CIELCh(60, 18.028, 83.690)

Have a look what the booklet for
CIELCh(60, 18.028, 83.690) contains.

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Color

CIELCh(60, 18.065, 83.190)

Conversions

Conversions Part 1

Format	Color
Hex	A08E71
RGB	160, 142, 113
RGB Percent	63%, 56%, 44%
CMY	0.3715, 0.4421, 0.5559
CMYK	0.00, 0.11, 0.29, 0.37
HSL	37°, 20%, 54%
HSV	37°, 29%, 63%
XYZ	27.2582, 28.1233, 19.6890
YIQ	144.0760, 20.0370, -5.2030

Conversions

Conversions Part 2

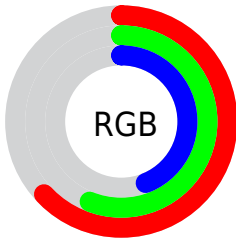
Format	Color
R_{YB}	142, 160, 113
Decimal	10522225
CIE _{Lab}	60.00, 2.14, 17.94
CIE _{LCh}	60, 18.065, 83.190
Yxy	28.1233, 0.3631, 0.3746
Android (android.graphics.Color)	4288712305 (0xFFA08E71)
YUV	144.0760, -15.3205, 13.9653
Hunter-Lab	53.0314, -1.0559, 15.1094

Details

The CIELCh color $60, 18.065, 83.190$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $54, 17.613, 271.449$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 18.097, 84.195$, and $40, 18.089, 82.947$ is the 20% darker color. If you saturate the color by 10%, you get $58, 24.535, 81.851$, and if you desaturate by 10%, it is $62, 11.746, 84.503$.

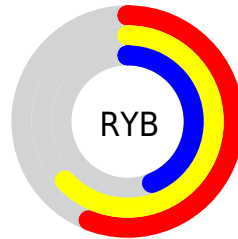
Distribution



Red (63%)

Green (56%)

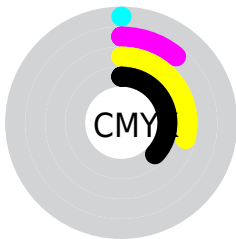
Blue (44%)



Red (56%)

Yellow (63%)

Blue (44%)

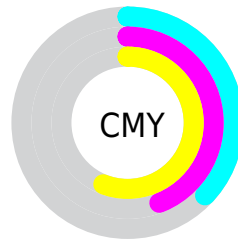


Cyan (0%)

Magenta (11%)

Yellow (29%)

Black (37%)



Cyan (37%)

Magenta (44%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 18.065, 83.190 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, 18.065, 83.190 by changing the saturation by 10% instead.

60, 18.065, 83.190

60, 18.065, 83.190

100, 18.065,
83.190

50, 18.065, 83.190

80, 18.065, 83.190

40, 18.065, 83.190

90, 18.065, 83.190

30, 18.065, 83.190

20, 18.065, 83.190

10, 18.065, 83.190

0, 18.065, 83.190

60, 18.065, 83.190

60, 18.065, 83.190

58, 24.535, 81.851

62, 11.746, 84.503

56, 31.111, 80.465

64, 5.591, 85.757

■ 54, 37.694, 79.027

■ 66, 0.400, 267.620

■ 53, 44.091, 77.504

■ 68, 6.234, 268.258

■ 51, 49.947, 75.821

■ 70, 11.922,
269.380

■ 49, 54.691, 73.831

■ 72, 17.478,
270.463

■ 48, 58.122, 71.501

■ 75, 22.913,
271.498

■ 48, 58.365, 71.359

■ 77, 28.238,
272.484

■ 79, 32.245,
272.398

Harmonies

Complementary

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



60, 18.065, 83.190



54, 17.613, 271.449

Rectangle

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



60, 18.065, 83.190



60, 18.065, 133.190



60, 18.065, 263.190



60, 18.065, 313.190

Sweetspot

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



60, 18.066, 83.197



82, 6.691, 85.776



53, 21.519, 353.437



43, 4.649, 85.609



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



60, 18.066, 83.197



75, 26.986, 82.349



64, 25.875, 112.481



32, 3.348, 85.769



42, 53.620, 71.704



3, 4.212, 84.047

Inverse Universe

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



54, 17.613, 271.449



67, 26.163, 272.714



50, 27.686, 297.556



31, 3.330, 268.194



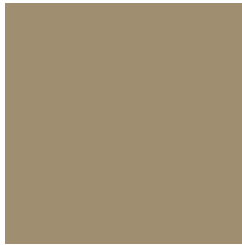
26, 57.208, 292.731



1, 4.430, 268.666

Previews

White Background



This preview shows how the CIELCh color 60, 18.065, 83.190 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, 18.065, 83.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

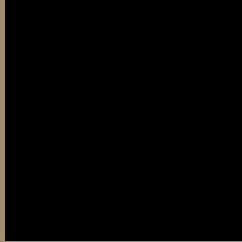
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

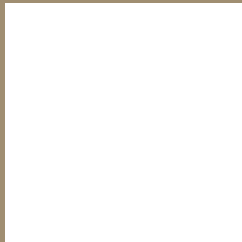
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 18.065, 83.190

Background



This preview shows how black text looks on a background with the CIELCh color 60, 18.065, 83.190.



This preview shows how white text looks on a background with the CIELCh color 60, 18.065, 83.190.

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, 18.065, 83.190

Protanopia

60, 17.358, 94.156

Deuteranopia

60, 19.218, 66.631



Tritanopia
60, 12.283, 350.451

Trichromacy



Original Color
60, 18.065, 83.190

Protanomaly
60, 17.212, 89.651

Deuteranomaly
60, 18.495, 71.591

Tritanomaly
60, 10.007, 33.231

Monochromacy



Original Color
60, 18.065, 83.190

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.285, 82.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 18.065, 83.190 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(160, 142, 113)` looks like.

```
.text, #text, p{  
    color:rgb(160, 142, 113)  
}
```

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(160, 142, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 142, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 18.065, 83.190 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(160, 142, 113) }
```

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

```
.border{ border-color:rgb(160, 142, 113) }
```

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

Here you see how a box with a 4 pixel rgb(160, 142, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 142, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 142, 113);  
box-shadow:4px 4px 4px 4px rgb(160, 142,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 18.065, 83.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 142, 113) }
```

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

```
.background{ background-color: rgb(160,  
142, 113) }
```

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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