

Converting Colors

CIELCh(60, 10.942, 30.655)

Have a look what the booklet for
CIELCh(60, 10.942, 30.655) contains.

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Color

CIELCh(60, 10.820, 32.317)

Conversions

Conversions Part 1

Format	Color
Hex	A58B87
RGB	165, 139, 135
RGB Percent	65%, 55%, 53%
CMY	0.3538, 0.4557, 0.4714
CMYK	0.00, 0.16, 0.18, 0.35
HSL	8°, 14%, 59%
HSV	8°, 18%, 65%
XYZ	29.0318, 28.1233, 26.7426
YIQ	146.3180, 16.7800, 4.2680

Conversions

Conversions Part 2

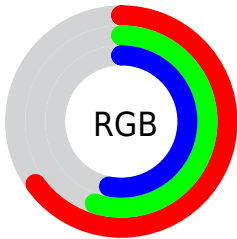
Format	Color
R _Y B	165, 140, 135
Decimal	10849159
CIE Lab	60.00, 9.14, 5.78
CIE LCh	60, 10.820, 32.317
Yxy	28.1233, 0.3460, 0.3352
Android (android.graphics.Color)	4289039239 (0xFFA58B87)
YUV	146.3180, -5.5798, 16.3841
Hunter-Lab	53.0314, 4.9141, 7.2233

Details

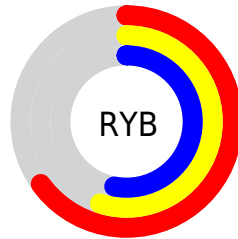
The CIELCh color $60, 10.820, 32.317$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $64, 9.593, 212.149$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 10.610, 34.541$, and $40, 10.996, 33.430$ is the 20% darker color. If you saturate the color by 10%, you get $56, 17.467, 32.712$, and if you desaturate by 10%, it is $64, 4.679, 32.055$.

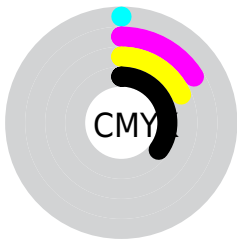
Distribution



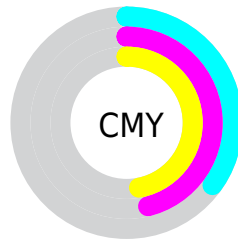
- Red (65%)
- Green (55%)
- Blue (53%)



- Red (65%)
- Yellow (55%)
- Blue (53%)



- Cyan (0%)
- Magenta (16%)
- Yellow (18%)
- Black (35%)



- Cyan (35%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 10.820, 32.317 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, 10.820, 32.317 by changing the saturation by 10% instead.

60, 10.820, 32.317

60, 10.820, 32.317

100, 10.820,
32.317

50, 10.820, 32.317

80, 10.820, 32.317

40, 10.820, 32.317

90, 10.820, 32.317

30, 10.820, 32.317

20, 10.820, 32.317

10, 10.820, 32.317

0, 10.820, 32.317

60, 10.820, 32.317

60, 10.820, 32.317

56, 17.467, 32.712

64, 4.679, 32.055

52, 24.641, 33.285

68, 0.988, 212.545

48, 32.328, 34.105

73, 6.226, 212.127

45, 40.467, 35.222

77, 11.080,
212.148

42, 48.922, 36.665

81, 15.595,
212.239

39, 57.417, 38.381

37, 65.381, 40.112

86, 19.811,
212.370

35, 71.954, 41.525

90, 23.766,
212.528

35, 73.089, 41.884

94, 27.506,
199.857

95, 28.147,
197.683

Harmonies

Complementary

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



60, 10.820, 32.317



64, 9.593, 212.149

Rectangle

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



60, 10.820, 32.317



60, 10.820, 82.317



60, 10.820, 212.317



60, 10.820, 262.317

Sweetspot

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



60, 10.819, 32.327



83, 3.488, 31.949



60, 18.619, 329.357



43, 2.382, 31.977



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



60, 10.819, 32.327



74, 16.473, 32.470



64, 11.453, 86.070



32, 3.217, 32.084



31, 66.071, 41.703



2, 4.886, 30.740

Inverse Universe

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



64, 9.593, 212.149



81, 14.166, 212.201



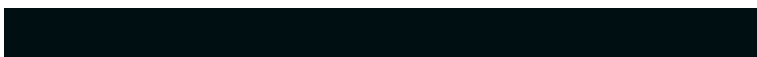
60, 11.328, 270.919



34, 3.034, 212.136



48, 28.832, 220.583



4, 4.714, 216.078

Previews

White Background



This preview shows how the CIELCh color 60, 10.820, 32.317 looks on a white background.

Color Contrast Check

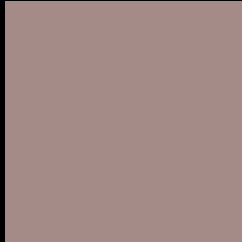
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.820, 32.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

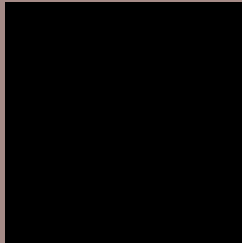
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 10.820, 32.317

Background



This preview shows how black text looks on a background with the CIELCh color 60, 10.820, 32.317.



This preview shows how white text looks on a background with the CIELCh color 60, 10.820, 32.317.

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, 10.820, 32.317

Protanopia

60, 3.901, 79.210

Deuteranopia

60, 9.365, 37.587



Tritanopia
60, 12.975, 352.334

Trichromacy



Original Color
60, 10.820, 32.317

Protanomaly
60, 5.914, 48.121

Deuteranomaly
60, 9.762, 36.891

Tritanomaly
60, 11.499, 6.485

Monochromacy



Original Color
60, 10.820, 32.317

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 3.982, 27.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 10.820, 32.317 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(165, 139, 135)` looks like.

```
.text, #text, p{  
    color:rgb(165, 139, 135)  
}
```

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(165, 139, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 139, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 10.820, 32.317 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(165, 139, 135) }
```

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

```
.border{ border-color:rgb(165, 139, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 139, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 139, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 139, 135);  
box-shadow:4px 4px 4px 4px rgb(165, 139,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 10.820, 32.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 139, 135) }
```

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

```
.background{ background-color: rgb(165,  
139, 135) }
```

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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