

Converting Colors

CIELCh(60, 5.210, 343.525)

Have a look what the booklet for
CIELCh(60, 5.210, 343.525) contains.

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Color

CIELCh(60, 4.830, 344.112)

Conversions

Conversions Part 1

Format	Color
Hex	988E93
RGB	152, 142, 147
RGB Percent	60%, 56%, 58%
CMY	0.4040, 0.4432, 0.4236
CMYK	0.00, 0.07, 0.03, 0.40
HSL	330°, 5%, 58%
HSV	330°, 7%, 60%
XYZ	27.8838, 28.1233, 31.5579
YIQ	145.5600, 4.3550, 3.6750

Conversions

Conversions Part 2

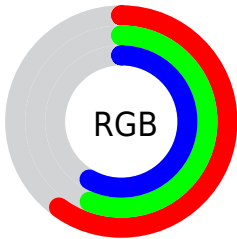
Format	Color
R _Y B	152, 142, 147
Decimal	9997971
CIE Lab	60.00, 4.65, -1.32
CIE LCh	60, 4.830, 344.112
Yxy	28.1233, 0.3184, 0.3212
Android (android.graphics.Color)	4288188051 (0xFF988E93)
YUV	145.5600, 0.7099, 5.6479
Hunter-Lab	53.0314, 1.0498, 1.8398

Details

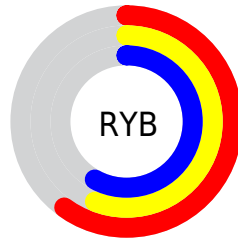
The CIELCh color $60, 4.830, 344.112$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 4.781, 163.199$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 4.557, 343.957$, and $40, 4.871, 341.383$ is the 20% darker color. If you saturate the color by 10%, you get $56, 12.306, 345.030$, and if you desaturate by 10%, it is $64, 2.468, 163.532$.

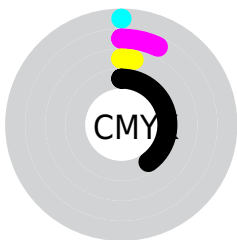
Distribution



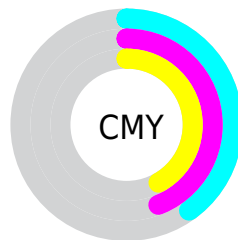
- Red (60%)
- Green (56%)
- Blue (58%)



- Red (60%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 4.830, 344.112 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, 4.830, 344.112 by changing the saturation by 10% instead.

60, 4.830, 344.112

60, 4.830, 344.112

100, 4.830,
344.112

50, 4.830, 344.112

80, 4.830, 344.112

40, 4.830, 344.112

90, 4.830, 344.112

30, 4.830, 344.112

20, 4.830, 344.112

10, 4.830, 344.112

0, 4.830, 344.112

60, 4.830, 344.112

60, 4.830, 344.112

56, 12.306,
345.030

64, 2.468, 163.532

69, 9.542, 162.711

52, 19.886,
346.009

73, 16.376,
162.031

48, 27.435,
347.109

78, 22.969,
161.411

44, 34.754,
348.372

82, 29.328,
160.837

41, 41.562,
349.858

86, 35.466,
160.304

38, 47.510,
351.649

91, 41.398,
159.807

35, 52.227,
353.861

93, 42.433,
161.829

34, 55.428,
356.637

93, 39.934,
166.148

33, 57.143, 0.080

Harmonies

Complementary

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



60, 4.830, 344.112



62, 4.781, 163.199

Rectangle

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



60, 4.830, 344.112



60, 4.830, 34.112



60, 4.830, 164.112



60, 4.830, 214.112

Sweetspot

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



60, 4.828, 344.119



78, 1.802, 343.598



60, 5.997, 309.335



42, 1.033, 343.574



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, 4.828, 344.119



75, 7.249, 344.264



60, 3.940, 19.687



30, 4.184, 344.361



30, 54.420, 0.975



1, 4.448, 344.108

Inverse Universe

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



60, 4.828, 344.119



75, 7.249, 344.264



62, 3.785, 199.171



30, 4.184, 344.361



30, 54.420, 0.975



1, 4.448, 344.108

Previews

White Background



This preview shows how the CIELCh color 60, 4.830, 344.112 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, 4.830, 344.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

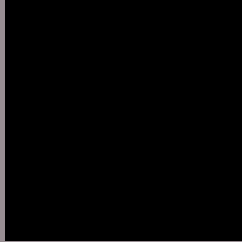
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 4.830, 344.112

Background



This preview shows how black text looks on a background with the CIELCh color 60, 4.830, 344.112.



This preview shows how white text looks on a background with the CIELCh color 60, 4.830, 344.112.

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, 4.830, 344.112

Protanopia

60, 2.402, 309.143

Deuteranopia

60, 7.754, 349.610



Tritanopia
60, 7.780, 327.180

Trichromacy



Original Color
60, 4.830, 344.112

Protanomaly
60, 3.445, 324.562

Deuteranomaly
60, 6.451, 348.416

Tritanomaly
60, 6.917, 332.797

Monochromacy



Original Color
60, 4.830, 344.112

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 1.303, 353.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 4.830, 344.112 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(152, 142, 147)` looks like.

```
.text, #text, p{  
    color:rgb(152, 142, 147)  
}
```

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(152, 142, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 142, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 4.830, 344.112 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(152, 142, 147) }
```

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

```
.border{ border-color:rgb(152, 142, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 142, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 142, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 142, 147);  
box-shadow:4px 4px 4px 4px rgb(152, 142,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 4.830, 344.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 142, 147) }
```

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

```
.background{ background-color: rgb(152,  
142, 147) }
```

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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