

Converting Colors

CIELCh(60, 8.333, 104.350)

Have a look what the booklet for
CIELCh(60, 8.333, 104.350) contains.

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Color

CIELCh(60, 8.464, 103.732)

Conversions

Conversions Part 1

Format	Color
Hex	939182
RGB	147, 145, 130
RGB Percent	58%, 57%, 51%
CMY	0.4230, 0.4308, 0.4897
CMYK	0.00, 0.01, 0.12, 0.42
HSL	53°, 7%, 54%
HSV	53°, 12%, 58%
XYZ	26.2416, 28.1233, 25.2114
YIQ	143.8880, 6.0070, -4.2410

Conversions

Conversions Part 2

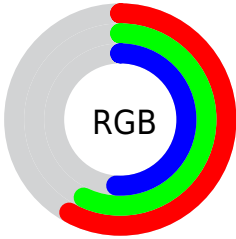
Format	Color
R_{YB}	132, 147, 130
Decimal	9671042
CIE _{Lab}	60.00, -2.01, 8.22
CIE _{LCh}	60, 8.464, 103.732
Yxy	28.1233, 0.3298, 0.3534
Android (android.graphics.Color)	4287861122 (0xFF939182)
YUV	143.8880, -6.8468, 2.7292
Hunter-Lab	53.0314, -4.4778, 8.9353

Details

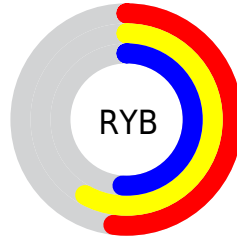
The CIELCh color $60, 8.464, 103.732$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 8.630, 286.231$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 8.512, 104.311$, and $40, 8.490, 105.880$ is the 20% darker color. If you saturate the color by 10%, you get $59, 15.799, 102.690$, and if you desaturate by 10%, it is $61, 1.131, 104.703$.

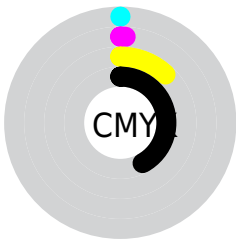
Distribution



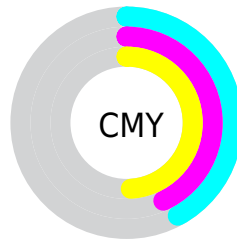
- Red (58%)
- Green (57%)
- Blue (51%)



- Red (52%)
- Yellow (58%)
- Blue (51%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (42%)



- Cyan (42%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 8.464, 103.732 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, 8.464, 103.732 by changing the saturation by 10% instead.

60, 8.464, 103.732

60, 8.464, 103.732

100, 8.464,
103.732

50, 8.464, 103.732

80, 8.464, 103.732

40, 8.464, 103.732

90, 8.464, 103.732

30, 8.464, 103.732

20, 8.464, 103.732

10, 8.464, 103.732

0, 8.464, 103.732

60, 8.464, 103.732

60, 8.464, 103.732

59, 15.799,
102.690

61, 1.131, 104.703

62, 6.177, 285.800

■ 58, 23.090,
101.621

■ 63, 13.445,
286.756

■ 58, 30.267,
100.546

■ 64, 20.664,
287.678

■ 57, 37.216, 99.480

■ 65, 27.828,
288.559

■ 56, 43.751, 98.437

■ 66, 34.933,
289.397

■ 56, 49.588, 97.431

■ 55, 54.334, 96.474

■ 67, 41.978,
290.191

■ 55, 57.553, 95.563

■ 68, 48.961,
290.941

■ 54, 59.365, 94.822

■ 69, 51.820,
290.910

Harmonies

Complementary

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



60, 8.464, 103.732



55, 8.630, 286.231

Rectangle

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



60, 8.464, 103.732



60, 8.464, 153.732



60, 8.464, 283.732



60, 8.464, 333.732

Sweetspot

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



60, 8.465, 103.741



77, 2.712, 104.590



56, 6.953, 9.408



41, 2.074, 104.519



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



60, 8.465, 103.741



76, 12.705, 103.457



60, 9.887, 123.708



31, 4.154, 103.983



51, 56.591, 94.875



2, 3.640, 104.939

Inverse Universe

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



55, 8.630, 286.231



69, 13.006, 286.566



55, 10.087, 304.881



29, 4.221, 285.955



17, 78.474, 304.166



0, 3.641, 284.942

Previews

White Background



This preview shows how the CIELCh color 60, 8.464, 103.732 looks on a white background.

Color Contrast Check

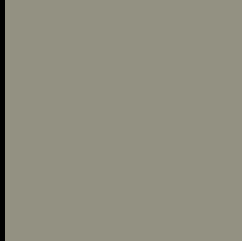
Large Text (above 18pt) WCAG AA ✓ Pass

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, 8.464, 103.732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

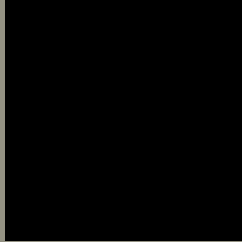
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

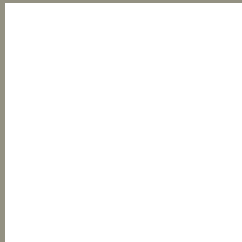
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 8.464, 103.732

Background



This preview shows how black text looks on a background with the CIELCh color 60, 8.464, 103.732.



This preview shows how white text looks on a background with the CIELCh color 60, 8.464, 103.732.

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, 8.464, 103.732

Protanopia

60, 8.361, 89.409

Deuteranopia

60, 10.850, 44.630



Tritanopia
60, 6.965, 316.863

Trichromacy



Original Color
60, 8.464, 103.732

Protanomaly
60, 8.232, 92.085

Deuteranomaly
60, 8.627, 60.421

Tritanomaly
60, 2.610, 353.906

Monochromacy



Original Color
60, 8.464, 103.732

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 2.836, 101.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 8.464, 103.732 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(147, 145, 130)` looks like.

```
.text, #text, p{  
    color:rgb(147, 145, 130)  
}
```

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(147, 145, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 145, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 8.464, 103.732 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(147, 145, 130) }
```

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

```
.border{ border-color:rgb(147, 145, 130) }
```

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

Here you see how a box with a 4 pixel rgb(147, 145, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 145, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 145, 130);  
box-shadow:4px 4px 4px 4px rgb(147, 145,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 8.464, 103.732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 145, 130) }
```

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

```
.background{ background-color: rgb(147,  
145, 130) }
```

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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