

Converting Colors

CIELCh(60, 17.777, 95.768)

Have a look what the booklet for
CIELCh(60, 17.777, 95.768) contains.

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Color

CIELCh(60, 17.358, 94.156)

Conversions

Conversions Part 1

Format	Color
Hex	9A9072
RGB	154, 144, 114
RGB Percent	60%, 56%, 45%
CMY	0.3952, 0.4344, 0.5521
CMYK	0.00, 0.06, 0.26, 0.40
HSL	45°, 17%, 53%
HSV	45°, 26%, 60%
XYZ	26.4236, 28.1233, 20.0173
YIQ	143.5700, 15.5900, -7.2100

Conversions

Conversions Part 2

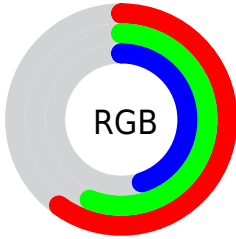
Format	Color
RYB	127, 154, 114
Decimal	10129522
CIELab	60.00, -1.26, 17.31
CIELCh	60, 17.358, 94.156
Yxy	28.1233, 0.3544, 0.3772
Android (android.graphics.Color)	4288319602 (0xFF9A9072)
YUV	143.5700, -14.5780, 9.1471
Hunter-Lab	53.0314, -3.8650, 14.7424

Details

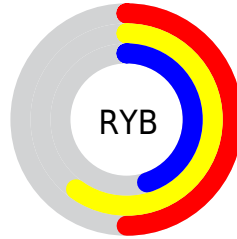
The CIELCh color $60, 17.358, 94.156$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $52, 17.663, 280.814$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 17.488, 94.354$, and $40, 17.312, 95.079$ is the 20% darker color. If you saturate the color by 10%, you get $59, 24.141, 92.921$, and if you desaturate by 10%, it is $61, 10.610, 95.367$.

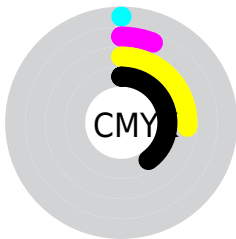
Distribution



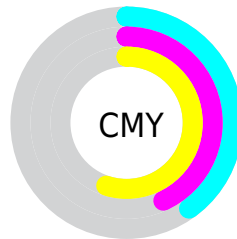
- Red (60%)
- Green (56%)
- Blue (45%)



- Red (50%)
- Yellow (60%)
- Blue (45%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (40%)



- Cyan (40%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 17.358, 94.156 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, 17.358, 94.156 by changing the saturation by 10% instead.

60, 17.358, 94.156

60, 17.358, 94.156

100, 17.358,
94.156

50, 17.358, 94.156

80, 17.358, 94.156

40, 17.358, 94.156

90, 17.358, 94.156

30, 17.358, 94.156

20, 17.358, 94.156

10, 17.358, 94.156

0, 17.358, 94.156

60, 17.358, 94.156

60, 17.358, 94.156

59, 24.141, 92.921

61, 10.610, 95.367

57, 30.894, 91.650

63, 3.927, 96.517

56, 37.503, 90.350

64, 2.674, 277.746

55, 43.771, 89.013

66, 9.189, 278.793

54, 49.369, 87.618

67, 15.616,
279.826

53, 53.814, 86.111

69, 21.958,
280.815

51, 56.637, 84.417

70, 28.218,
281.756

51, 57.654, 83.732

72, 34.401,
282.648

74, 40.510,
283.493

Harmonies

Complementary

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



60, 17.358, 94.156



52, 17.663, 280.814

Rectangle

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



60, 17.358, 94.156



60, 17.358, 144.156



60, 17.358, 274.156



60, 17.358, 324.156

Sweetspot

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



60, 17.359, 94.162



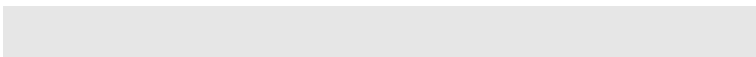
80, 6.583, 96.271



52, 17.364, 2.235



42, 4.721, 96.108



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, 17.359, 94.162



76, 25.847, 93.462



62, 22.552, 118.316



32, 3.720, 96.151



47, 53.827, 83.916



3, 3.957, 96.378

Inverse Universe

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



52, 17.663, 280.814



64, 26.425, 281.798



50, 23.777, 301.753



30, 3.748, 278.371



20, 69.183, 299.916



1, 4.031, 277.515

Previews

White Background



This preview shows how the CIELCh color 60, 17.358, 94.156 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, 17.358, 94.156 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

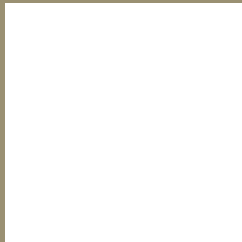
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 17.358, 94.156

Background



This preview shows how black text looks on a background with the CIELCh color 60, 17.358, 94.156.



This preview shows how white text looks on a background with the CIELCh color 60, 17.358, 94.156.

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, 17.358, 94.156

Protanopia

60, 17.358, 94.156

Deuteranopia

60, 18.782, 65.606



Tritanopia
60, 9.978, 342.012

Trichromacy



Original Color
60, 17.358, 94.156

Protanomaly
60, 17.358, 94.156

Deuteranomaly
60, 17.690, 74.909

Tritanomaly
60, 6.805, 39.194

Monochromacy



Original Color
60, 17.358, 94.156

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.385, 94.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 17.358, 94.156 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(154, 144, 114)` looks like.

```
.text, #text, p{  
    color:rgb(154, 144, 114)  
}
```

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(154, 144, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 144, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 17.358, 94.156 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(154, 144, 114) }
```

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

```
.border{ border-color:rgb(154, 144, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 144, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 144, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 144, 114);  
box-shadow:4px 4px 4px 4px rgb(154, 144,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 17.358, 94.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 144, 114) }
```

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

```
.background{ background-color: rgb(154,  
144, 114) }
```

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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