

Converting Colors

CIELCh(51, 13.366, 34.308)

Have a look what the booklet for
CIELCh(51, 13.366, 34.308) contains.

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Color

CIELCh(51, 13.325, 35.782)

Conversions

Conversions Part 1

Format	Color
Hex	91736D
RGB	145, 115, 109
RGB Percent	57%, 45%, 43%
CMY	0.4328, 0.5503, 0.5739
CMYK	0.00, 0.21, 0.25, 0.43
HSL	10°, 14%, 50%
HSV	10°, 25%, 57%
XYZ	20.4488, 19.2686, 17.0150
YIQ	123.2860, 19.8060, 4.4940

Conversions

Conversions Part 2

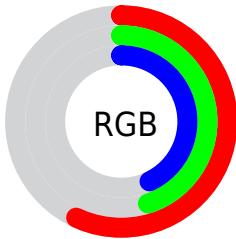
Format	Color
R_{YB}	145, 116, 109
Decimal	9532269
CIE _{Lab}	51.00, 10.81, 7.79
CIE _{LCh}	51, 13.325, 35.782
Yxy	19.2686, 0.3604, 0.3396
Android (android.graphics.Color)	4287722349 (0xFF91736D)
YUV	123.2860, -7.0430, 19.0432
Hunter-Lab	43.8960, 6.3353, 7.7452

Details

The CIELCh color $51, 13.325, 35.782$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $56, 11.288, 216.276$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 13.241, 37.010$, and $31, 13.298, 35.015$ is the 20% darker color. If you saturate the color by 10%, you get $48, 19.457, 36.094$, and if you desaturate by 10%, it is $55, 7.650, 35.629$.

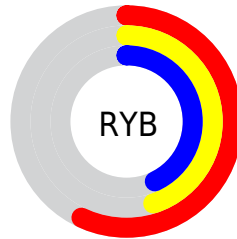
Distribution



Red (57%)

Green (45%)

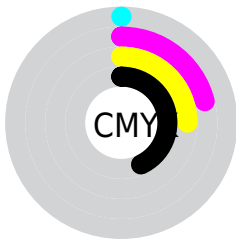
Blue (43%)



Red (57%)

Yellow (45%)

Blue (43%)

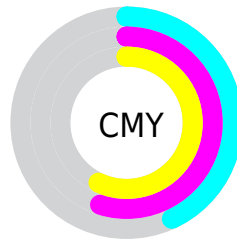


Cyan (0%)

Magenta (21%)

Yellow (25%)

Black (43%)



Cyan (43%)

Magenta (55%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 13.325, 35.782 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 51, 13.325, 35.782 by changing the saturation by 10% instead.

■ 51, 13.325, 35.782

■ 51, 13.325, 35.782

■ 100, 13.325,
35.782

■ 41, 13.325, 35.782

■ 71, 13.325, 35.782

■ 31, 13.325, 35.782

■ 81, 13.325, 35.782

■ 21, 13.325, 35.782

■ 91, 13.325, 35.782

■ 11, 13.325, 35.782

■ 1, 13.325, 35.782

■ 0, 13.325, 35.782

■ 51, 13.325, 35.782

■ 51, 13.325, 35.782

■ 48, 19.457, 36.094

■ 55, 7.650, 35.629

■ 44, 26.057, 36.592

■ 58, 2.407, 35.490

41, 33.100, 37.326

62, 2.438, 215.923

38, 40.510, 38.327

66, 6.927, 215.953

36, 48.117, 39.575

69, 11.099,
216.124

33, 55.563, 40.924

73, 14.990,
216.345

32, 62.110, 41.986

31, 65.105, 42.615

77, 18.635,
216.594

81, 22.064,
216.863

85, 25.304,
217.142

Harmonies

Complementary

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



51, 13.325, 35.782



56, 11.288, 216.276

Rectangle

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



51, 13.325, 35.782



51, 13.325, 85.782



51, 13.325, 215.782



51, 13.325, 265.782

Sweetspot

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



51, 13.324, 35.790



73, 4.335, 35.543



50, 22.377, 330.873



38, 2.813, 35.550



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



51, 13.324, 35.790



63, 20.437, 35.944



56, 14.604, 88.038



28, 2.808, 35.570



29, 61.529, 42.441



1, 1.834, 35.688

Inverse Universe

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



56, 11.288, 216.276



70, 16.570, 216.527



51, 14.525, 274.689



29, 2.654, 215.902



43, 27.164, 227.378



1, 1.834, 215.708

Previews

White Background



This preview shows how the CIELCh color 51, 13.325, 35.782 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 51, 13.325, 35.782 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 51, 13.325, 35.782

Background



This preview shows how black text looks on a background with the CIELCh color 51, 13.325, 35.782.



This preview shows how white text looks on a background with the CIELCh color 51, 13.325, 35.782.

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

51, 13.325, 35.782

Protanopia

51, 5.611, 87.806

Deuteranopia

51, 10.396, 50.222



Tritanopia
51, 14.331, 2.354

Trichromacy



Original Color
51, 13.325, 35.782

Protanomaly
51, 7.499, 57.983

Deuteranomaly
51, 11.287, 44.552

Tritanomaly
51, 13.446, 13.614

Monochromacy



Original Color
51, 13.325, 35.782

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 4.653, 34.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 13.325, 35.782 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(145, 115, 109)` looks like.

```
.text, #text, p{  
    color:rgb(145, 115, 109)  
}
```

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(145, 115, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 115, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 13.325, 35.782 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(145, 115, 109) }
```

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

```
.border{ border-color:rgb(145, 115, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 115, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 115, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 115, 109);  
box-shadow:4px 4px 4px 4px rgb(145, 115,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 13.325, 35.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 115, 109) }
```

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

```
.background{ background-color: rgb(145,  
115, 109) }
```

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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