

Converting Colors

CIELCh(50, 32.731, 354.877)

Have a look what the booklet for
CIELCh(50, 32.731, 354.877)
contains.

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Color

CIELCh(50, 32.915, 354.937)

Conversions

Conversions Part 1

Format	Color
Hex	A9617D
RGB	169, 97, 125
RGB Percent	66%, 38%, 49%
CMY	0.3379, 0.6201, 0.5104
CMYK	0.00, 0.43, 0.26, 0.34
HSL	337°, 29%, 52%
HSV	337°, 43%, 66%
XYZ	24.2836, 18.4187, 21.6301
YIQ	121.7200, 33.9240, 23.9720

Conversions

Conversions Part 2

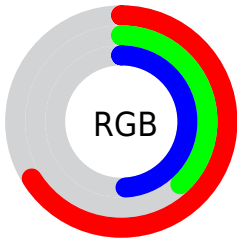
Format	Color
R_{YB}	169, 97, 125
Decimal	11100541
CIE Lab	50.00, 32.79, -2.90
CIE LCh	50, 32.915, 354.937
Yxy	18.4187, 0.3775, 0.2863
Android (android.graphics.Color)	4289290621 (0xFFA9617D)
YUV	121.7200, 1.6170, 41.4646
Hunter-Lab	42.9170, 25.8955, 0.1597

Details

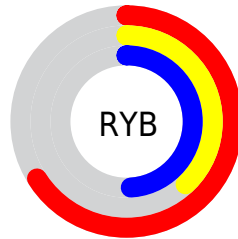
The CIELCh color **50, 32.915, 354.937** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **64, 30.190, 165.722**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 33.091, 354.606**, and **30, 32.845, 355.326** is the 20% darker color. If you saturate the color by 10%, you get **46, 40.402, 356.651**, and if you desaturate by 10%, it is **54, 25.112, 353.510**.

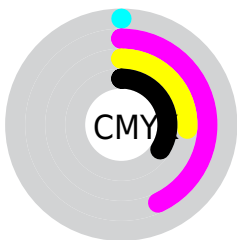
Distribution



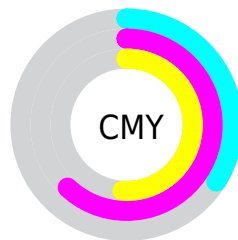
- Red (66%)
- Green (38%)
- Blue (49%)



- Red (66%)
- Yellow (38%)
- Blue (49%)



- Cyan (0%)
- Magenta (43%)
- Yellow (26%)
- Black (34%)





- Cyan (34%)
- Magenta (62%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 32.915, 354.937 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 50, 32.915, 354.937 by changing the saturation by 10% instead.


 50, 32.915,
354.937


 50, 32.915,
354.937


 100, 32.915,
354.937


 40, 32.915,
354.937


 70, 32.915,
354.937


 30, 32.915,
354.937


 80, 32.915,
354.937


 20, 32.915,
354.937

 90, 32.915,
354.937

 10, 32.915,
354.937

 0, 32.915, 354.937

 50, 32.915,
354.937

 50, 32.915,
354.937

46, 40.402,
356.651

54, 25.112,
353.510

43, 47.248,
358.753

59, 17.250,
352.290

40, 53.077, 1.384

63, 9.496, 351.218

38, 57.567, 4.711

68, 1.949, 350.129

36, 60.611, 8.894

73, 5.337, 169.575

36, 62.359, 12.353

78, 12.341,
168.784

82, 19.062,
168.092

87, 25.510,
167.463

92, 31.703,
166.886

Harmonies

Complementary

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



50, 32.915, 354.937



64, 30.190, 165.722

Rectangle

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



50, 32.915, 354.937



50, 32.915, 44.937



50, 32.915, 174.937



50, 32.915, 224.937

Sweetspot

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



50, 32.913, 354.939



80, 12.100, 351.280



48, 44.760, 314.358



41, 8.481, 351.500



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



50, 32.913, 354.939



60, 48.467, 356.517



51, 29.284, 30.890



33, 4.221, 350.880



31, 56.506, 11.721



2, 7.348, 353.595

Inverse Universe

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



50, 32.913, 354.939



60, 48.467, 356.517



63, 21.387, 208.625



33, 4.221, 350.880



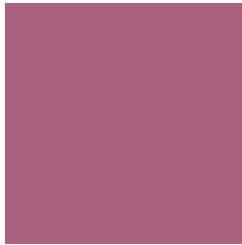
31, 56.506, 11.721



2, 7.348, 353.595

Previews

White Background



This preview shows how the CIELCh color 50, 32.915, 354.937 looks on a white background.

Color Contrast Check

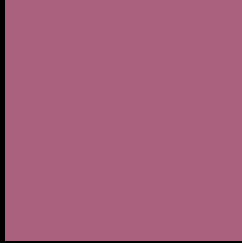
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 32.915, 354.937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

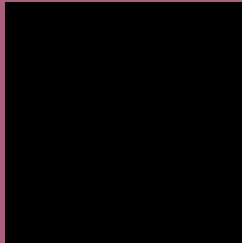
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 32.915, 354.937

Background



This preview shows how black text looks on a background with the CIELCh color 50, 32.915, 354.937.



This preview shows how white text looks on a background with the CIELCh color 50, 32.915, 354.937.

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
50, 32.915, 354.937

Protanopia
50, 11.716, 288.028

Deuteranopia
50, 6.675, 348.568



Tritanopia
50, 28.935, 15.376

Trichromacy



Original Color
50, 32.915, 354.937

Protanomaly
49, 16.702, 327.685

Deuteranomaly
50, 16.391, 351.738

Tritanomaly
50, 29.923, 8.063

Monochromacy



Original Color
50, 32.915, 354.937

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 12.068, 352.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 32.915, 354.937 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(169, 97, 125)` looks like.

```
.text, #text, p{  
    color:rgb(169, 97, 125)  
}
```

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(169, 97, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 97, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 32.915, 354.937 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(169, 97, 125) }
```

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

```
.border{ border-color:rgb(169, 97, 125) }
```

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

Here you see how a box with a 4 pixel rgb(169, 97, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 97, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 97, 125);  
box-shadow:4px 4px 4px 4px rgb(169, 97,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 32.915, 354.937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 97, 125) }
```

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

```
.background{ background-color: rgb(169, 97,  
125) }
```

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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