

Converting Colors

CIELCh(64, 4.025, 354.093)

Have a look what the booklet for
CIELCh(64, 4.025, 354.093) contains.

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Color

CIELCh(64, 3.865, 354.090)

Conversions

Conversions Part 1

Format	Color
Hex	A2999C
RGB	162, 153, 156
RGB Percent	64%, 60%, 61%
CMY	0.3652, 0.4005, 0.3888
CMYK	0.00, 0.06, 0.04, 0.37
HSL	340°, 5%, 62%
HSV	340°, 6%, 63%
XYZ	32.2314, 32.8017, 36.0255
YIQ	156.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

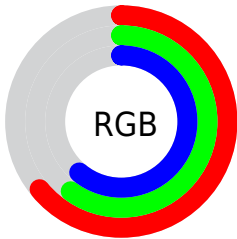
Format	Color
RYB	162, 153, 156
Decimal	10656156
CIELab	64.00, 3.84, -0.40
CIELCh	64, 3.865, 354.090
Yxy	32.8017, 0.3189, 0.3246
Android (android.graphics.Color)	4288846236 (0xFFA2999C)
YUV	156.0330, -0.0163, 5.2331
Hunter-Lab	57.2727, 0.2273, 2.7966

Details

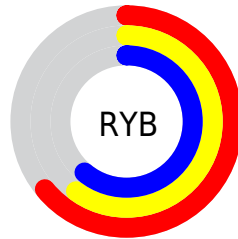
The CIELCh color $64, 3.865, 354.090$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 3.804, 173.316$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 3.989, 356.259$, and $44, 3.784, 351.526$ is the 20% darker color. If you saturate the color by 10%, you get $59, 11.012, 355.163$, and if you desaturate by 10%, it is $69, 3.018, 173.463$.

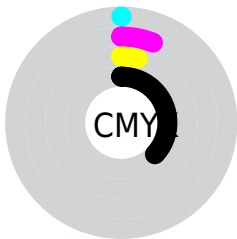
Distribution



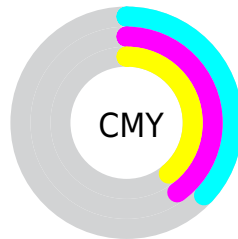
- Red (64%)
- Green (60%)
- Blue (61%)



- Red (64%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (37%)



- Cyan (37%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 3.865, 354.090 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 64, 3.865, 354.090 by changing the saturation by 10% instead.

■ 64, 3.865, 354.090

■ 64, 3.865, 354.090

■ 100, 3.865,
354.090

■ 54, 3.865, 354.090

■ 84, 3.865, 354.090

■ 44, 3.865, 354.090

■ 94, 3.865, 354.090

■ 34, 3.865, 354.090

■ 24, 3.865, 354.090

■ 14, 3.865, 354.090

■ 4, 3.865, 354.090

■ 0, 3.865, 354.090

■ 64, 3.865, 354.090

■ 64, 3.865, 354.090

■ 59, 11.012,

■ 69, 3.018, 173.463

355.163

73, 9.612, 172.591

55, 18.375,
356.319

78, 15.919,
171.870

51, 25.852,
357.661

83, 21.950,
171.223

47, 33.273,
359.261

88, 27.724,
170.633

43, 40.393, 1.210

92, 33.261,
170.093

40, 46.896, 3.635

94, 32.915,
175.612

37, 52.446, 6.691

35, 56.803, 10.545

94, 30.575,
184.990

34, 59.995, 15.281

94, 29.079,
195.587

Harmonies

Complementary

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



64, 3.865, 354.090



66, 3.804, 173.316

Rectangle

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



64, 3.865, 354.090



64, 3.865, 44.090



64, 3.865, 174.090



64, 3.865, 224.090

Sweetspot

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



64, 3.863, 354.104



84, 1.721, 353.604



64, 5.539, 314.867



45, 0.986, 353.577



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 3.863, 354.104



81, 6.071, 354.275



64, 3.018, 35.504



33, 3.178, 354.305



30, 56.596, 16.886



1, 5.996, 355.833

Inverse Universe

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



64, 3.863, 354.104



81, 6.071, 354.275



65, 2.919, 215.901



33, 3.178, 354.305



30, 56.596, 16.886



1, 5.996, 355.833

Previews

White Background



This preview shows how the CIELCh color 64, 3.865, 354.090 looks on a white background.

Color Contrast Check

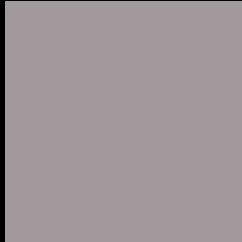
Large Text (above 18pt) WCAG AA × Fail

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 64, 3.865, 354.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

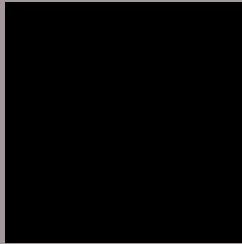
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 3.865, 354.090

Background



This preview shows how black text looks on a background with the CIELCh color 64, 3.865, 354.090.



This preview shows how white text looks on a background with the CIELCh color 64, 3.865, 354.090.

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

64, 3.865, 354.090

Protanopia

64, 2.045, 324.439

Deuteranopia

64, 8.108, 355.884



Tritanopia
64, 7.923, 322.509

Trichromacy



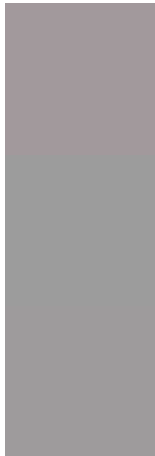
Original Color
64, 3.865, 354.090

Protanomaly
64, 2.561, 338.738

Deuteranomaly
64, 6.454, 354.463

Tritanomaly
64, 6.574, 330.265

Monochromacy



Original Color
64, 3.865, 354.090

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.288, 353.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 3.865, 354.090 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(162, 153, 156)` looks like.

```
.text, #text, p{  
    color:rgb(162, 153, 156)  
}
```

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(162, 153, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 153, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 3.865, 354.090 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(162, 153, 156) }
```

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

```
.border{ border-color:rgb(162, 153, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 153, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 153, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 153, 156);  
box-shadow:4px 4px 4px 4px rgb(162, 153,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 3.865, 354.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 153, 156) }
```

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

```
.background{ background-color: rgb(162,  
153, 156) }
```

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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