

Converting Colors

CIELCh(63, 1.789, 240.578)

Have a look what the booklet for
CIELCh(63, 1.789, 240.578) contains.

CIELCh(63, 1.874, 236.225)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(63, 1.874, 236.225)

Conversions

Conversions Part 1

Format	Color
Hex	95999B
RGB	149, 153, 155
RGB Percent	58%, 60%, 61%
CMY	0.4153, 0.3996, 0.3917
CMYK	0.04, 0.01, 0.00, 0.39
HSL	200°, 3%, 60%
HSV	200°, 4%, 61%
XYZ	29.7477, 31.5869, 35.5863
YIQ	152.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

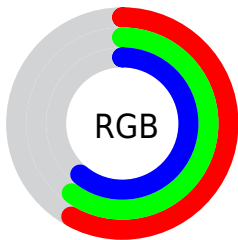
Format	Color
RYB	149, 151, 155
Decimal	9804187
CIELab	63.00, -1.04, -1.56
CIElCh	63, 1.874, 236.225
Yxy	31.5869, 0.3069, 0.3259
Android (android.graphics.Color)	4287994267 (0xFF95999B)
YUV	152.0320, 1.4632, -2.6591
Hunter-Lab	56.2022, -3.8743, 1.8001

Details

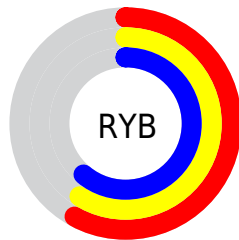
The CIELCh color $63, 1.874, 236.225$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 1.902, 55.134$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 1.777, 236.215$, and $43, 2.007, 236.306$ is the 20% darker color. If you saturate the color by 10%, you get $60, 6.591, 236.965$, and if you desaturate by 10%, it is $66, 3.003, 55.057$.

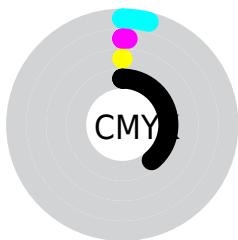
Distribution



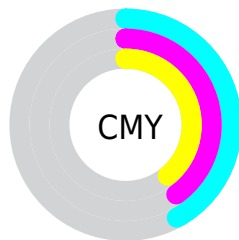
- Red (58%)
- Green (60%)
- Blue (61%)



- Red (58%)
- Yellow (59%)
- Blue (61%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (42%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 1.874, 236.225 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 63, 1.874, 236.225 by changing the saturation by 10% instead.

■ 63, 1.874, 236.225

■ 63, 1.874, 236.225

■ 100, 1.874,
236.225

■ 53, 1.874, 236.225

■ 83, 1.874, 236.225

■ 43, 1.874, 236.225

■ 93, 1.874, 236.225

■ 33, 1.874, 236.225

■ 23, 1.874, 236.225

■ 13, 1.874, 236.225

■ 3, 1.874, 236.225

■ 0, 1.874, 236.225

■ 63, 1.874, 236.225

■ 63, 1.874, 236.225

■ 60, 6.591, 236.965

■ 66, 3.003, 55.057

58, 11.105,
238.117

68, 8.000, 54.521

55, 15.368,
239.570

71, 13.084, 54.036

53, 19.331,
241.384

74, 18.229, 53.632

51, 22.952,
243.634

79, 28.614, 53.020

48, 26.204,
246.402

82, 32.868, 53.772

46, 29.090,
249.762

83, 32.746, 59.287

44, 31.654,
253.759

84, 32.937, 64.788

43, 33.990,
258.368

Harmonies

Complementary

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



63, 1.874, 236.225



63, 1.902, 55.134

Rectangle

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



63, 1.874, 236.225



63, 1.874, 286.225



63, 1.874, 56.225



63, 1.874, 106.225

Sweetspot

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



63, 1.874, 236.172



81, 0.605, 236.531



63, 3.262, 154.795



43, 0.347, 236.577



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



63, 1.874, 236.172



79, 2.989, 236.226



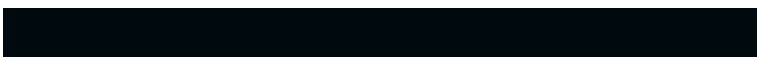
62, 2.778, 281.856



32, 1.619, 236.251



38, 32.757, 260.740



2, 2.947, 237.044

Inverse Universe

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



62, 3.242, 335.821



78, 5.188, 335.927



64, 2.751, 100.924



31, 2.813, 335.962



30, 58.236, 346.817



1, 5.002, 336.122

Previews

White Background



This preview shows how the CIELCh color 63, 1.874, 236.225 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 63, 1.874, 236.225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

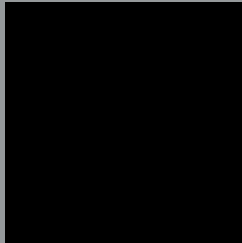
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

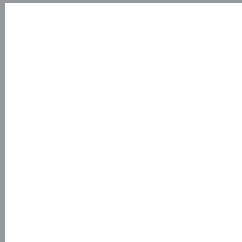
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 1.874, 236.225

Background



This preview shows how black text looks on a background with the CIELCh color 63, 1.874, 236.225.



This preview shows how white text looks on a background with the CIELCh color 63, 1.874, 236.225.

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


63, 1.874, 236.225

Protanopia

63, 1.370, 324.357

Deuteranopia

63, 7.968, 346.093



Tritanopia
63, 6.744, 284.597

Trichromacy



Original Color
63, 1.874, 236.225

Protanomaly
63, 1.125, 290.347

Deuteranomaly
63, 4.844, 335.992

Tritanomaly
63, 5.081, 282.270

Monochromacy



Original Color
63, 1.874, 236.225

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 0.679, 256.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 1.874, 236.225 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(149, 153, 155)` looks like.

```
.text, #text, p{  
    color:rgb(149, 153, 155)  
}
```

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(149, 153, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 153, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 1.874, 236.225 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(149, 153, 155) }
```

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

```
.border{ border-color:rgb(149, 153, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 153, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 153, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 153, 155);  
box-shadow:4px 4px 4px 4px rgb(149, 153,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 1.874, 236.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 153, 155) }
```

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

```
.background{ background-color: rgb(149,  
153, 155) }
```

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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