

Converting Colors

CIELCh(64, 5.434, 236.744)

Have a look what the booklet for
CIELCh(64, 5.434, 236.744) contains.

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Color

CIELCh(64, 5.495, 236.750)

Conversions

Conversions Part 1

Format	Color
Hex	919DA3
RGB	145, 157, 163
RGB Percent	57%, 62%, 64%
CMY	0.4312, 0.3841, 0.3606
CMYK	0.11, 0.04, 0.00, 0.36
HSL	200°, 9%, 60%
HSV	200°, 11%, 64%
XYZ	30.3669, 32.8017, 39.4054
YIQ	154.0960, -9.0780, -0.6780

Conversions

Conversions Part 2

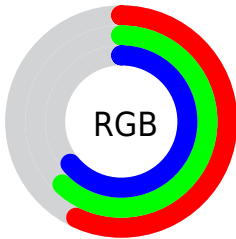
Format	Color
RYB	145, 152, 163
Decimal	9543075
CIELab	64.00, -3.01, -4.60
CIELCh	64, 5.495, 236.750
Yxy	32.8017, 0.2960, 0.3198
Android (android.graphics.Color)	4287733155 (0xFF919DA3)
YUV	154.0960, 4.3897, -7.9772
Hunter-Lab	57.2727, -5.5838, -0.7025

Details

The CIELCh color $64, 5.495, 236.750$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 5.801, 54.760$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 5.510, 234.320$, and $44, 5.512, 232.011$ is the 20% darker color. If you saturate the color by 10%, you get $61, 10.260, 237.812$, and if you desaturate by 10%, it is $67, 0.530, 236.550$.

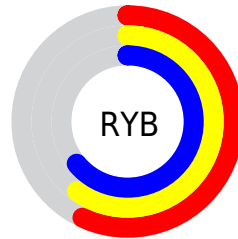
Distribution



Red (57%)

Green (62%)

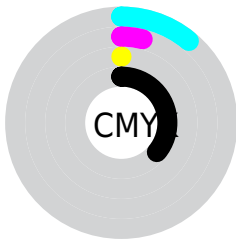
Blue (64%)



Red (57%)

Yellow (60%)

Blue (64%)

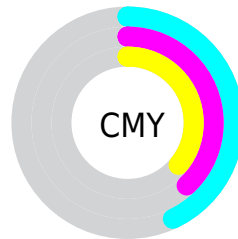


Cyan (11%)

Magenta (4%)

Yellow (0%)

Black (36%)



Cyan (43%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 5.495, 236.750 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, 5.495, 236.750 by changing the saturation by 10% instead.

■ 64, 5.495, 236.750

■ 64, 5.495, 236.750

■ 100, 5.495,
236.750

■ 54, 5.495, 236.750

■ 84, 5.495, 236.750

■ 44, 5.495, 236.750

■ 94, 5.495, 236.750

■ 34, 5.495, 236.750

■ 24, 5.495, 236.750

■ 14, 5.495, 236.750

■ 4, 5.495, 236.750

■ 0, 5.495, 236.750

■ 64, 5.495, 236.750

■ 64, 5.495, 236.750

■ 61, 10.260,

■ 67, 0.530, 236.550

237.812

70, 4.589, 54.945

59, 14.777,
239.185

72, 9.823, 54.406

56, 18.995,
240.904

75, 15.140, 53.943

54, 22.865,
243.041

78, 20.513, 53.558

51, 26.356,
245.678

83, 29.879, 54.676

49, 29.460,
248.896

85, 29.858, 61.077

47, 32.211,
252.749

86, 30.218, 67.398

45, 34.695,
257.233

44, 36.867,
261.517

Harmonies

Complementary

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



64, 5.495, 236.750



63, 5.801, 54.760

Rectangle

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



64, 5.495, 236.750



64, 5.495, 286.750



64, 5.495, 56.750



64, 5.495, 106.750

Sweetspot

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



64, 5.495, 236.733



84, 1.875, 236.197



65, 9.744, 154.218



44, 1.430, 236.208



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, 5.495, 236.733



80, 7.967, 236.946



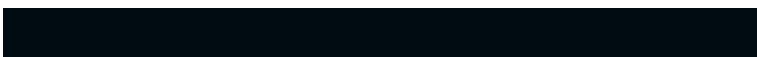
62, 8.329, 282.693



33, 2.827, 236.574



39, 33.699, 260.972



3, 4.522, 242.794

Inverse Universe

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



62, 9.687, 336.397



78, 14.128, 336.561



66, 8.214, 100.159



32, 4.960, 336.264



32, 59.723, 346.920



1, 7.348, 338.203

Previews

White Background



This preview shows how the CIELCh color 64, 5.495, 236.750 looks on a white background.

Color Contrast Check

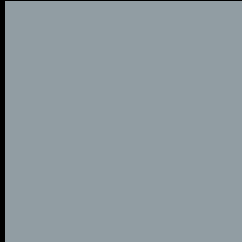
Large Text (above 18pt) WCAG AA × Fail

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, 5.495, 236.750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

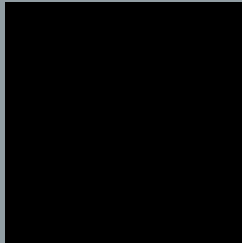
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

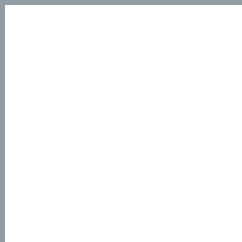
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 5.495, 236.750

Background



This preview shows how black text looks on a background with the CIELCh color 64, 5.495, 236.750.



This preview shows how white text looks on a background with the CIELCh color 64, 5.495, 236.750.

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, 5.495, 236.750

Protanopia

64, 3.993, 301.505

Deuteranopia

64, 9.938, 328.573



Tritanopia
64, 8.034, 264.019

Trichromacy



Original Color
64, 5.495, 236.750

Protanomaly
64, 4.047, 274.500

Deuteranomaly
64, 6.450, 307.756

Tritanomaly
64, 7.071, 259.669

Monochromacy



Original Color
64, 5.495, 236.750

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.870, 236.224

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 5.495, 236.750 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, 157, 163)` looks like.

```
.text, #text, p{  
    color:rgb(145, 157, 163)  
}
```

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, 157, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 157, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 5.495, 236.750 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, 157, 163) }
```

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

```
.border{ border-color:rgb(145, 157, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 157, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 157, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 157, 163);  
box-shadow:4px 4px 4px 4px rgb(145, 157,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 5.495, 236.750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 157, 163) }
```

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

```
.background{ background-color: rgb(145,  
157, 163) }
```

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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