

Converting Colors

CIELCh(64, 5.456, 245.785)

Have a look what the booklet for
CIELCh(64, 5.456, 245.785) contains.

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Color

CIELCh(64, 5.568, 243.796)

Conversions

Conversions Part 1

Format	Color
Hex	929DA4
RGB	146, 157, 164
RGB Percent	57%, 62%, 64%
CMY	0.4283, 0.3852, 0.3577
CMYK	0.11, 0.04, 0.00, 0.36
HSL	203°, 9%, 61%
HSV	203°, 11%, 64%
XYZ	30.5149, 32.8017, 39.7385
YIQ	154.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

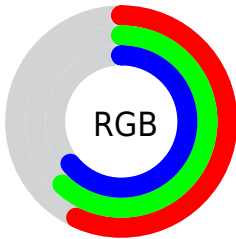
Format	Color
R_{YB}	146, 153, 164
Decimal	9608612
CIE _{Lab}	64.00, -2.46, -5.00
CIE _{LCh}	64, 5.568, 243.796
Yxy	32.8017, 0.2961, 0.3183
Android (android.graphics.Color)	4287798692 (0xFF929DA4)
YUV	154.5090, 4.6791, -7.4624
Hunter-Lab	57.2727, -5.1227, -1.0472

Details

The CIELCh color $64, 5.568, 243.796$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 5.826, 61.407$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 5.550, 241.004$, and $44, 5.537, 239.645$ is the 20% darker color. If you saturate the color by 10%, you get $61, 10.470, 245.065$, and if you desaturate by 10%, it is $67, 0.511, 243.386$.

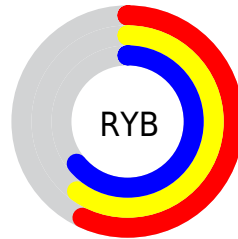
Distribution



Red (57%)

Green (62%)

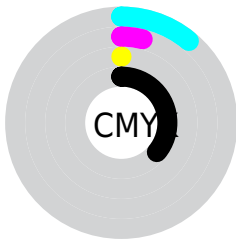
Blue (64%)



Red (57%)

Yellow (60%)

Blue (64%)

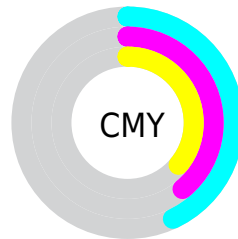


Cyan (11%)

Magenta (4%)

Yellow (0%)

Black (36%)



Cyan (43%)

Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 5.568, 243.796 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, 5.568, 243.796 by changing the saturation by 10% instead.

■ 64, 5.568, 243.796

■ 64, 5.568, 243.796

■ 100, 5.568,
243.796

■ 54, 5.568, 243.796

■ 84, 5.568, 243.796

■ 44, 5.568, 243.796

■ 94, 5.568, 243.796

■ 34, 5.568, 243.796

■ 24, 5.568, 243.796

■ 14, 5.568, 243.796

■ 4, 5.568, 243.796

■ 0, 5.568, 243.796

■ 64, 5.568, 243.796

■ 64, 5.568, 243.796

■ 61, 10.470,

■ 67, 0.511, 243.386

245.065



70, 4.664, 61.640

58, 15.178,
246.659



73, 9.923, 60.934

55, 19.652,
248.611



76, 15.242, 60.318

53, 23.858,
250.993



79, 20.596, 59.792

50, 27.778,
253.877



85, 29.610, 61.581

47, 31.419,
257.326



86, 30.109, 69.017

45, 34.827,
261.367



88, 31.106, 76.069

43, 38.095,
265.956

41, 41.073,
270.261

Harmonies

Complementary

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



64, 5.568, 243.796



64, 5.826, 61.407

Rectangle

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



64, 5.568, 243.796



64, 5.568, 293.796



64, 5.568, 63.796



64, 5.568, 113.796

Sweetspot

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



64, 5.568, 243.780



84, 1.897, 243.080



66, 9.261, 157.075



44, 1.447, 243.111



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, 5.568, 243.780



80, 8.090, 244.042



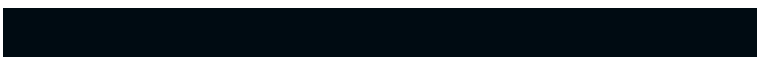
62, 8.956, 286.215



33, 2.865, 243.590



36, 37.347, 269.704



3, 4.628, 249.276

Inverse Universe

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



62, 9.302, 338.887



78, 13.587, 339.067



66, 8.791, 103.832



32, 4.768, 338.750



31, 57.985, 351.318



1, 7.066, 340.811

Previews

White Background



This preview shows how the CIELCh color 64, 5.568, 243.796 looks on a white background.

Color Contrast Check

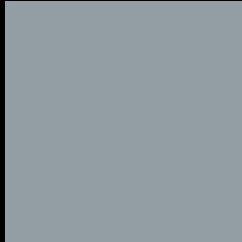
Large Text (above 18pt) WCAG AA × Fail

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, 5.568, 243.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

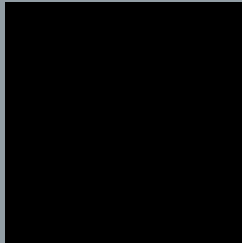
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

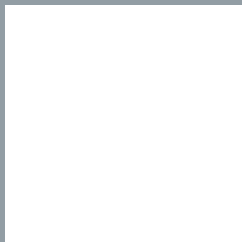
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 5.568, 243.796

Background



This preview shows how black text looks on a background with the CIELCh color 64, 5.568, 243.796.



This preview shows how white text looks on a background with the CIELCh color 64, 5.568, 243.796.

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

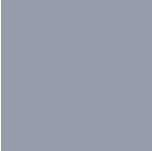
64, 5.568, 243.796

Protanopia

64, 4.541, 300.208

Deuteranopia

64, 10.162, 324.909



Tritanopia
64, 7.389, 264.457

Trichromacy



Original Color
64, 5.568, 243.796

Protanomaly
64, 4.584, 276.525

Deuteranomaly
64, 7.636, 308.059

Tritanomaly
64, 6.421, 259.771

Monochromacy



Original Color
64, 5.568, 243.796

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.239, 247.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 5.568, 243.796 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(146, 157, 164)` looks like.

```
.text, #text, p{  
    color:rgb(146, 157, 164)  
}
```

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(146, 157, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 157, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 5.568, 243.796 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(146, 157, 164) }
```

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

```
.border{ border-color:rgb(146, 157, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 157, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 157, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 157, 164);  
box-shadow:4px 4px 4px 4px rgb(146, 157,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 5.568, 243.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 157, 164) }
```

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

```
.background{ background-color: rgb(146,  
157, 164) }
```

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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