

Converting Colors

CIELCh(42, 8.349, 264.250)

Have a look what the booklet for
CIELCh(42, 8.349, 264.250) contains.

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Color

CIELCh(42, 8.644, 264.959)

Conversions

Conversions Part 1

Format	Color
Hex	5A6471
RGB	90, 100, 113
RGB Percent	35%, 39%, 44%
CMY	0.6468, 0.6075, 0.5566
CMYK	0.20, 0.11, 0.00, 0.56
HSL	214°, 11%, 40%
HSV	214°, 20%, 44%
XYZ	11.7729, 12.5000, 17.4376
YIQ	98.4920, -10.1330, 1.9230

Conversions

Conversions Part 2

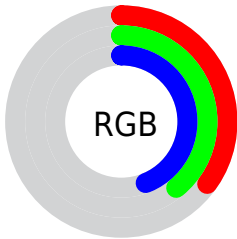
Format	Color
R_{YB}	90, 97, 113
Decimal	5923953
CIE Lab	42.00, -0.76, -8.61
CIE LCh	42, 8.644, 264.959
Yxy	12.5000, 0.2823, 0.2997
Android (android.graphics.Color)	4284114033 (0xFF5A6471)
YUV	98.4920, 7.1524, -7.4475
Hunter-Lab	35.3553, -2.4334, -4.4936




Details

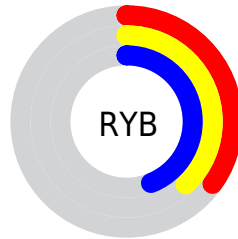
The CIELCh color $42, 8.644, 264.959$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 8.912, 79.641$, and the grayscale version is $42, 0.006, 296.813$.




A 20% lighter version of the original color is $62, 8.726, 263.735$, and $22, 8.738, 267.194$ is the 20% darker color. If you saturate the color by 10%, you get $39, 12.891, 266.678$, and if you desaturate by 10%, it is $45, 4.394, 263.493$.

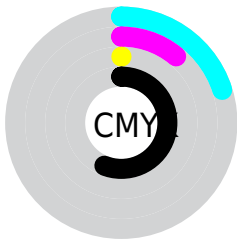
Distribution







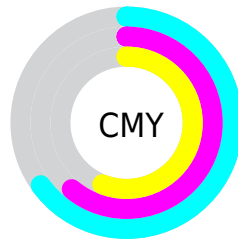
-  Red (35%)
-  Green (39%)
-  Blue (44%)






-  Red (35%)
-  Yellow (38%)
-  Blue (44%)



-  Cyan (20%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (65%)
-  Magenta (61%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 8.644, 264.959 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 42, 8.644, 264.959 by changing the saturation by 10% instead.

■ 42, 8.644, 264.959

■ 42, 8.644, 264.959

■ 100, 8.644,
264.959

■ 32, 8.644, 264.959

■ 62, 8.644, 264.959

■ 22, 8.644, 264.959

■ 72, 8.644, 264.959

■ 12, 8.644, 264.959

■ 82, 8.644, 264.959

■ 2, 8.644, 264.959

■ 92, 8.644, 264.959

■ 0, 8.644, 264.959

■ 42, 8.644, 264.959

■ 42, 8.644, 264.959

■ 39, 12.891,
266.678

■ 45, 4.394, 263.493

■ 36, 17.132,

■ 48, 0.150, 263.560

268.700

50, 4.079, 81.017

34, 21.366,
271.063

53, 8.287, 80.084

31, 25.602,
273.804

56, 12.466, 79.254

29, 29.860,
276.945

59, 16.610, 78.519

26, 34.172,
280.466

62, 20.714, 77.866

24, 38.575,
284.294

64, 24.776, 77.283

22, 42.975,
287.835

67, 28.791, 76.759

Harmonies

Complementary

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



42, 8.644, 264.959



44, 8.912, 79.641

Rectangle

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



42, 8.644, 264.959



42, 8.644, 314.959



42, 8.644, 84.959



42, 8.644, 134.959

Sweetspot

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



42, 8.643, 264.954



59, 3.178, 262.969



46, 11.178, 164.709



30, 2.094, 263.022



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



42, 8.643, 264.954



53, 12.708, 265.661



39, 14.116, 294.120



22, 2.374, 263.317



23, 45.091, 288.124



49, 81.665, 290.622

Inverse Universe

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



41, 11.420, 349.103



51, 16.862, 349.546



47, 13.503, 110.433



22, 3.093, 348.015



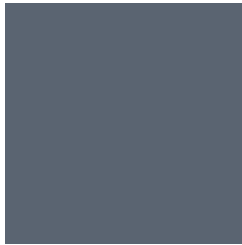
24, 48.305, 6.264



53, 82.601, 9.284

Previews

White Background



This preview shows how the CIELCh color 42, 8.644, 264.959 looks on a white 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

Black Background



This preview shows how the CIE LCh color 42, 8.644, 264.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

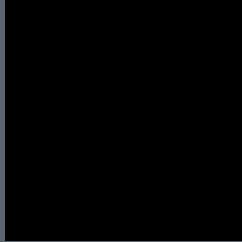
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

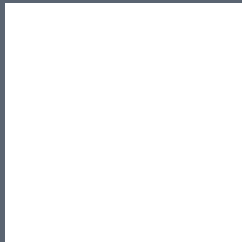
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 42, 8.644, 264.959

Background



This preview shows how black text looks on a background with the CIELCh color 42, 8.644, 264.959.

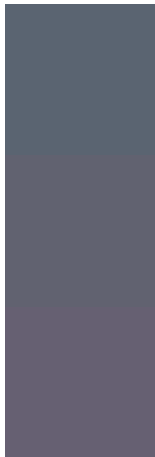


This preview shows how white text looks on a background with the CIELCh color 42, 8.644, 264.959.

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

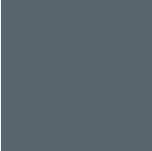
42, 8.644, 264.959

Protanopia

42, 8.472, 288.777

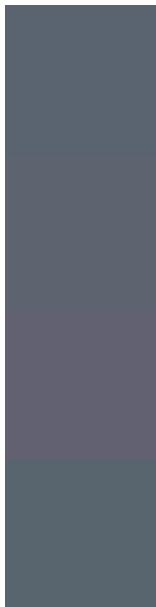
Deuteranopia

42, 11.197, 303.917



Tritanopia
42, 6.629, 246.024

Trichromacy



Original Color

42, 8.644, 264.959

Protanomaly

42, 8.051, 277.345

Deuteranomaly

42, 10.313, 293.859

Tritanomaly

42, 7.055, 249.672

Monochromacy



Original Color

42, 8.644, 264.959

Achromatopsia

42, 0.006, 296.813

Achromatomaly

42, 3.238, 268.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 8.644, 264.959 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(90, 100, 113)` looks like.

```
.text, #text, p{  
    color:rgb(90, 100, 113)  
}
```

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(90, 100, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 100, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 8.644, 264.959 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(90, 100, 113) }
```

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

```
.border{ border-color:rgb(90, 100, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 100, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 100, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 100, 113);  
box-shadow:4px 4px 4px 4px rgb(90, 100,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 8.644, 264.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 100, 113) }
```

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

```
.background{ background-color: rgb(90, 100,  
113) }
```

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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