

Converting Colors

CIELCh(42, 6.096, 264.680)

Have a look what the booklet for
CIELCh(42, 6.096, 264.680) contains.

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Color

CIELCh(42, 6.035, 263.824)

Conversions

Conversions Part 1

Format	Color
Hex	5D646D
RGB	93, 100, 109
RGB Percent	36%, 39%, 43%
CMY	0.6360, 0.6085, 0.5732
CMYK	0.15, 0.08, 0.00, 0.57
HSL	214°, 8%, 40%
HSV	214°, 15%, 43%
XYZ	11.7885, 12.5000, 16.2102
YIQ	98.9330, -7.0610, 1.3150

Conversions

Conversions Part 2

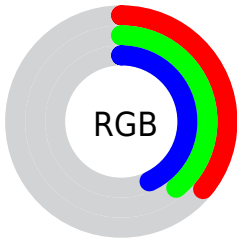
Format	Color
R _Y B	93, 98, 109
Decimal	6120557
CIE Lab	42.00, -0.65, -6.00
CIE LCh	42, 6.035, 263.824
Yxy	12.5000, 0.2911, 0.3087
Android (android.graphics.Color)	4284310637 (0xFF5D646D)
YUV	98.9330, 4.9630, -5.2032
Hunter-Lab	35.3553, -2.3545, -2.4353

Details

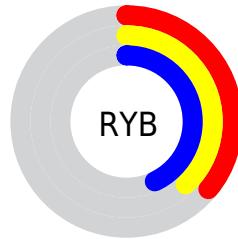
The CIELCh color **42, 6.035, 263.824** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 6.164, 80.066**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 5.802, 259.975**, and **22, 6.487, 268.525** is the 20% darker color. If you saturate the color by 10%, you get **39, 10.138, 265.380**, and if you desaturate by 10%, it is **45, 1.931, 262.532**.

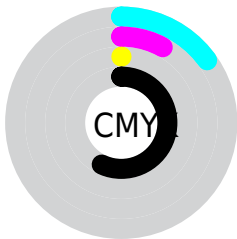
Distribution



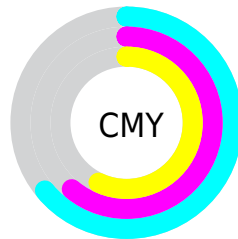
- Red (36%)
- Green (39%)
- Blue (43%)



- Red (36%)
- Yellow (38%)
- Blue (43%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (57%)



- Cyan (64%)
- Magenta (61%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 6.035, 263.824 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, 6.035, 263.824 by changing the saturation by 10% instead.

■ 42, 6.035, 263.824

■ 42, 6.035, 263.824

■ 100, 6.035,
263.824

■ 32, 6.035, 263.824

■ 62, 6.035, 263.824

■ 22, 6.035, 263.824

■ 72, 6.035, 263.824

■ 12, 6.035, 263.824

■ 82, 6.035, 263.824

■ 2, 6.035, 263.824

■ 92, 6.035, 263.824

■ 0, 6.035, 263.824

■ 42, 6.035, 263.824

■ 42, 6.035, 263.824

■ 39, 10.138,
265.380

■ 45, 1.931, 262.532

■ 37, 14.236,

■ 47, 2.164, 81.164

267.217

50, 6.243, 80.212

34, 18.324,
269.369

53, 10.298, 79.340

31, 22.405,
271.877

55, 14.322, 78.569

29, 26.491,
274.773

58, 18.312, 77.885

26, 30.606,
278.065

61, 22.262, 77.275

24, 34.786,
281.716

64, 26.170, 76.728

22, 39.072,
285.558

66, 30.033, 76.235

21, 41.419,
287.404

Harmonies

Complementary

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



42, 6.035, 263.824



44, 6.164, 80.066

Rectangle

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



42, 6.035, 263.824



42, 6.035, 313.824



42, 6.035, 83.824



42, 6.035, 133.824

Sweetspot

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



42, 6.034, 263.815



57, 2.025, 262.474



44, 7.842, 165.243



29, 1.450, 262.534



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



42, 6.034, 263.815



52, 9.099, 264.375



40, 9.776, 293.505



21, 2.277, 263.033



23, 44.068, 287.790



48, 80.552, 290.379

Inverse Universe

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



41, 7.956, 348.378



51, 12.051, 348.741



45, 9.471, 110.916



21, 2.979, 347.841



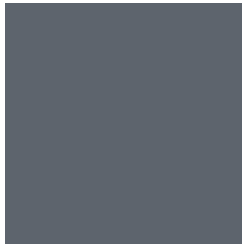
24, 47.571, 5.884



52, 81.933, 8.976

Previews

White Background



This preview shows how the CIELCh color 42, 6.035, 263.824 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, 6.035, 263.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

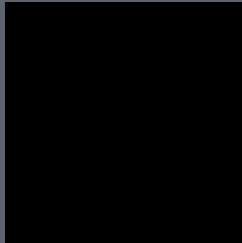
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

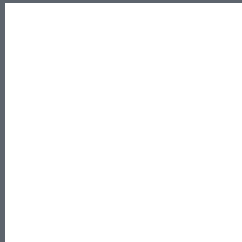
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 42, 6.035, 263.824

Background



This preview shows how black text looks on a background with the CIELCh color 42, 6.035, 263.824.



This preview shows how white text looks on a background with the CIELCh color 42, 6.035, 263.824.

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, 6.035, 263.824

Protanopia

42, 6.052, 291.078

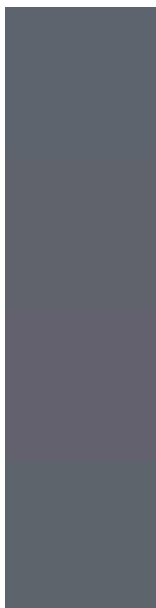
Deuteranopia

42, 9.107, 312.029



Tritanopia
42, 5.512, 260.771

Trichromacy



Original Color
42, 6.035, 263.824

Protanomaly
42, 5.547, 278.563

Deuteranomaly
42, 7.984, 299.935

Tritanomaly
42, 5.512, 260.771

Monochromacy



Original Color
42, 6.035, 263.824

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 2.540, 271.874

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 6.035, 263.824 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(93, 100, 109)` looks like.

```
.text, #text, p{  
    color:rgb(93, 100, 109)  
}
```

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(93, 100, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 100, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 6.035, 263.824 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(93, 100, 109) }
```

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

```
.border{ border-color:rgb(93, 100, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 100, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 100, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 100, 109);  
box-shadow:4px 4px 4px 4px rgb(93, 100,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 6.035, 263.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 100, 109) }
```

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

```
.background{ background-color: rgb(93, 100,  
109) }
```

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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