

Converting Colors

CIELCh(42, 6.661, 296.141)

Have a look what the booklet for
CIELCh(42, 6.661, 296.141) contains.

CIELCh(42, 6.674, 294.588)	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(42, 6.674, 294.588)

Conversions

Conversions Part 1

Format	Color
Hex	63626D
RGB	99, 98, 109
RGB Percent	39%, 38%, 43%
CMY	0.6116, 0.6156, 0.5724
CMYK	0.09, 0.10, 0.00, 0.57
HSL	245°, 5%, 41%
HSV	245°, 10%, 43%
XYZ	12.2812, 12.5000, 16.2418
YIQ	99.5530, -2.9350, 3.6330

Conversions

Conversions Part 2

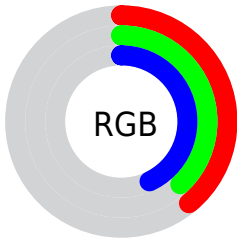
Format	Color
R_{YB}	99, 98, 109
Decimal	6513261
CIE _{Lab}	42.00, 2.78, -6.07
CIE _{LCh}	42, 6.674, 294.588
Yxy	12.5000, 0.2994, 0.3047
Android (android.graphics.Color)	4284703341 (0xFF63626D)
YUV	99.5530, 4.6574, -0.4850
Hunter-Lab	35.3553, 0.1328, -2.4883

Details

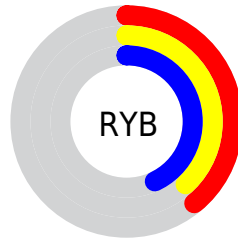
The CIELCh color $42, 6.674, 294.588$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 6.527, 112.963$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 6.195, 294.332$, and $22, 6.722, 291.683$ is the 20% darker color. If you saturate the color by 10%, you get $38, 13.539, 295.540$, and if you desaturate by 10%, it is $46, 0.063, 294.058$.

Distribution



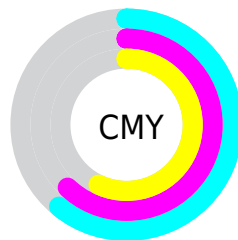
- Red (39%)
- Green (38%)
- Blue (43%)



- Red (39%)
- Yellow (38%)
- Blue (43%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (57%)



- Cyan (61%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 6.674, 294.588 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, 6.674, 294.588 by changing the saturation by 10% instead.

■ 42, 6.674, 294.588

■ 42, 6.674, 294.588

■ 100, 6.674,
294.588

■ 32, 6.674, 294.588

■ 62, 6.674, 294.588

■ 22, 6.674, 294.588

■ 72, 6.674, 294.588

■ 12, 6.674, 294.588

■ 82, 6.674, 294.588

■ 2, 6.674, 294.588

■ 92, 6.674, 294.588

■ 0, 6.674, 294.588

■ 42, 6.674, 294.588

■ 42, 6.674, 294.588

■ 38, 13.539,
295.540

■ 46, 0.063, 294.058

■ 34, 20.674,

■ 50, 6.308, 113.039

296.648

54, 12.456,
112.427

30, 28.087,
297.918

58, 18.395,
111.897

26, 35.760,
299.352

62, 24.140,
111.439

22, 43.625,
300.929

66, 29.702,
111.041

18, 51.496,
302.578

69, 35.094,
110.695

15, 58.965,
304.164

73, 40.325,
110.394

13, 65.315,
305.470

77, 45.407,
110.130

10, 71.002,
306.787

Harmonies

Complementary

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



42, 6.674, 294.588



46, 6.527, 112.963

Rectangle

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



42, 6.674, 294.588



42, 6.674, 344.588



42, 6.674, 114.588



42, 6.674, 164.588

Sweetspot

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



42, 6.673, 294.583



58, 2.449, 293.998



45, 4.047, 206.810



29, 1.845, 294.052



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, 6.673, 294.583



53, 9.945, 294.786



42, 7.162, 312.314



20, 3.655, 294.483



12, 74.841, 306.747



31, 129.261, 306.514

Inverse Universe

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



43, 7.549, 327.517



55, 11.219, 327.644



45, 7.081, 131.536



21, 4.141, 327.452



26, 60.806, 332.042



57, 104.213, 332.289

Previews

White Background



This preview shows how the CIELCh color 42, 6.674, 294.588 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, 6.674, 294.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

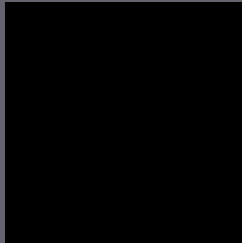
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

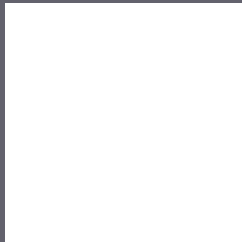
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 42, 6.674, 294.588

Background



This preview shows how black text looks on a background with the CIELCh color 42, 6.674, 294.588.



This preview shows how white text looks on a background with the CIELCh color 42, 6.674, 294.588.

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, 6.674, 294.588

Protanopia

42, 6.657, 291.166

Deuteranopia

42, 8.547, 313.455



Tritanopia
42, 4.866, 295.659

Trichromacy



Original Color

42, 6.674, 294.588

Protanomaly

42, 6.657, 291.166

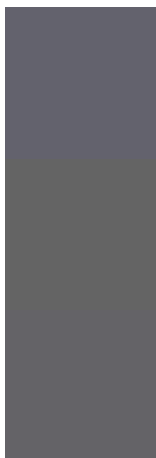
Deuteranomaly

42, 7.566, 306.614

Tritanomaly

42, 5.468, 295.204

Monochromacy



Original Color

42, 6.674, 294.588

Achromatopsia

42, 0.006, 296.813

Achromatomaly

42, 2.460, 300.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 6.674, 294.588 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(99, 98, 109)` looks like.

```
.text, #text, p{  
    color:rgb(99, 98, 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(99, 98, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 98, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 6.674, 294.588 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(99, 98, 109) }
```

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

```
.border{ border-color:rgb(99, 98, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 98, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 98, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 98, 109);  
box-shadow:4px 4px 4px 4px rgb(99, 98,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 6.674, 294.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 98, 109) }
```

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

```
.background{ background-color: rgb(99, 98,  
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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