

Converting Colors

CIELCh(42, 8.708, 315.948)

Have a look what the booklet for
CIELCh(42, 8.708, 315.948) contains.

CIELCh(42, 8.708, 315.948)	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, 8.708, 315.948)

Conversions

Conversions Part 1

Format	Color
Hex	69606D
RGB	105, 96, 109
RGB Percent	41%, 38%, 43%
CMY	0.5878, 0.6231, 0.5721
CMYK	0.04, 0.12, 0.00, 0.57
HSL	282°, 6%, 40%
HSV	282°, 12%, 43%
XYZ	12.7957, 12.5000, 16.2353
YIQ	100.1730, 1.1910, 5.9510

Conversions

Conversions Part 2

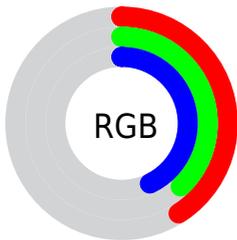
Format	Color
R_{YB}	105, 96, 109
Decimal	6905965
CIE _{Lab}	42.00, 6.26, -6.05
CIE _{LCh}	42, 8.708, 315.948
Yxy	12.5000, 0.3081, 0.3010
Android (android.graphics.Color)	4285096045 (0xFF69606D)
YUV	100.1730, 4.3517, 4.2333
Hunter-Lab	35.3553, 2.7302, -2.4775

Details

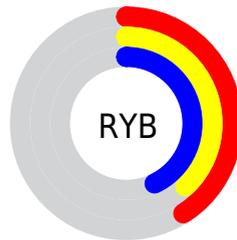
The CIELCh color $42, 8.708, 315.948$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 8.625, 135.016$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 8.775, 316.525$, and $22, 8.846, 315.371$ is the 20% darker color. If you saturate the color by 10%, you get $39, 16.160, 316.363$, and if you desaturate by 10%, it is $45, 1.389, 315.482$.

Distribution



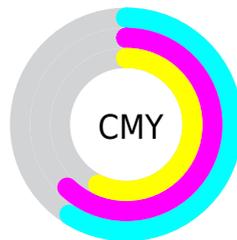
- Red (41%)
- Green (38%)
- Blue (43%)



- Red (41%)
- Yellow (38%)
- Blue (43%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (57%)



- Cyan (59%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 8.708, 315.948 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, 8.708, 315.948 by changing the saturation by 10% instead.

■ 42, 8.708, 315.948

■ 42, 8.708, 315.948

■ 100, 8.708,
315.948

■ 32, 8.708, 315.948

■ 62, 8.708, 315.948

■ 22, 8.708, 315.948

■ 72, 8.708, 315.948

■ 12, 8.708, 315.948

■ 82, 8.708, 315.948

■ 2, 8.708, 315.948

■ 92, 8.708, 315.948

■ 0, 8.708, 315.948

■ 42, 8.708, 315.948

■ 42, 8.708, 315.948

■ 39, 16.160,
316.363

■ 45, 1.389, 315.482

■ 35, 23.691,

■ 49, 5.760, 135.210

316.779

52, 12.724,
134.850

32, 31.204,
317.180

56, 19.495,
134.526

29, 38.553,
317.542

59, 26.076,
134.231

26, 45.524,
317.830

63, 32.470,
133.963

24, 51.832,
318.001

66, 38.683,
133.723

21, 57.132,
318.000

69, 44.726,
133.507

20, 61.096,
317.772

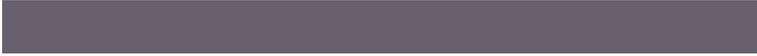
73, 50.605,
133.314

18, 64.001,
317.575

Harmonies

Complementary

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



42, 8.708, 315.948



45, 8.625, 135.016

Rectangle

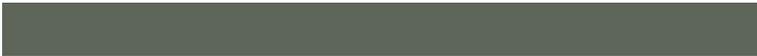
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42, 8.708, 315.948



42, 8.708, 5.948



42, 8.708, 135.948



42, 8.708, 185.948

Sweetspot

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



42, 8.707, 315.947



58, 3.618, 315.611



42, 5.570, 273.937



29, 2.555, 315.640



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

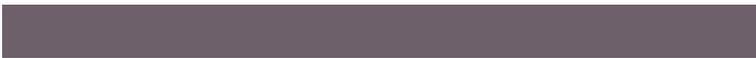
The Same Dimension uses a secret algorithm to generate beautiful new colors.



42, 8.707, 315.947



53, 12.788, 316.050



42, 8.371, 330.621



21, 4.032, 315.823



20, 67.417, 317.500



46, 116.387, 316.953

Inverse Universe

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



42, 5.983, 356.459



54, 8.806, 356.714



45, 8.346, 149.243



21, 2.763, 356.157



23, 48.671, 17.916



52, 85.202, 21.515

Previews

White Background



This preview shows how the CIELCh color 42, 8.708, 315.948 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 CIELCh color 42, 8.708, 315.948 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

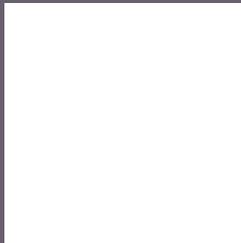
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 42, 8.708, 315.948

Background



This preview shows how black text looks on a background with the CIELCh color 42, 8.708, 315.948.



This preview shows how white text looks on a background with the CIELCh color 42, 8.708, 315.948.

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, 8.708, 315.948

Protanopia

42, 7.866, 291.340

Deuteranopia

42, 8.547, 313.455



Tritanopia
42, 5.146, 324.756

Trichromacy



Original Color
42, 8.708, 315.948

Protanomaly
42, 8.057, 302.749

Deuteranomaly
42, 8.547, 313.455

Tritanomaly
42, 6.178, 318.468

Monochromacy



Original Color
42, 8.708, 315.948

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 2.729, 317.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 8.708, 315.948 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(105, 96, 109)` looks like.

```
.text, #text, p{  
    color:rgb(105, 96, 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(105, 96, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 96, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 8.708, 315.948 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(105, 96, 109) }
```

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

```
.border{ border-color:rgb(105, 96, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 96, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 96, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 96, 109);  
box-shadow:4px 4px 4px 4px rgb(105, 96,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 8.708, 315.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 96, 109) }
```

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

```
.background{ background-color: rgb(105, 96,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor