

Converting Colors

CIELCh(42, 14.668, 325.361)

Have a look what the booklet for
CIELCh(42, 14.668, 325.361)
contains.

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Color

CIELCh(42, 14.563, 325.349)

Conversions

Conversions Part 1

Format	Color
Hex	715D71
RGB	113, 93, 113
RGB Percent	44%, 36%, 44%
CMY	0.5573, 0.6357, 0.5573
CMYK	0.00, 0.18, 0.00, 0.56
HSL	300°, 10%, 40%
HSV	300°, 18%, 44%
XYZ	13.6720, 12.5000, 17.2789
YIQ	101.2600, 5.5000, 10.4600

Conversions

Conversions Part 2

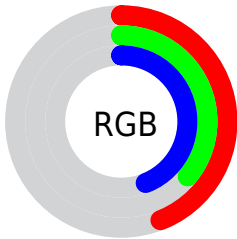
Format	Color
R_{YB}	113, 93, 113
Decimal	7429489
CIE Lab	42.00, 11.98, -8.28
CIE LCh	42, 14.563, 325.349
Yxy	12.5000, 0.3147, 0.2877
Android (android.graphics.Color)	4285619569 (0xFF715D71)
YUV	101.2600, 5.7878, 10.2960
Hunter-Lab	35.3553, 7.1547, -4.2276

Details

The CIELCh color $42, 14.563, 325.349$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 14.549, 143.401$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 14.936, 325.144$, and $22, 14.423, 325.759$ is the 20% darker color. If you saturate the color by 10%, you get $39, 22.793, 325.866$, and if you desaturate by 10%, it is $45, 6.313, 324.815$.

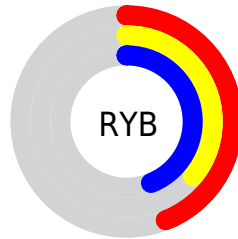
Distribution



Red (44%)

Green (36%)

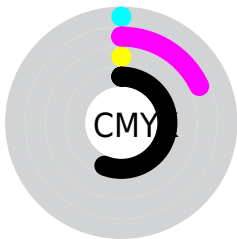
Blue (44%)



Red (44%)

Yellow (36%)

Blue (44%)

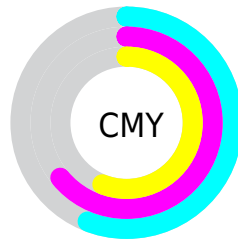


Cyan (0%)

Magenta (18%)

Yellow (0%)

Black (56%)



Cyan (56%)


Magenta (64%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 14.563, 325.349 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, 14.563, 325.349 by changing the saturation by 10% instead.

 42, 14.563,
325.349


 42, 14.563,
325.349


 100, 14.563,
325.349


 32, 14.563,
325.349

 62, 14.563,
325.349


 22, 14.563,
325.349

 72, 14.563,
325.349


 12, 14.563,
325.349


 82, 14.563,
325.349

 2, 14.563, 325.349

 92, 14.563,
325.349

 0, 14.563, 325.349

 42, 14.563,

 42, 14.563,

325.349

39, 22.793,
325.866

36, 30.855,
326.361

34, 38.546,
326.824

31, 45.613,
327.239

29, 51.772,
327.592

28, 56.748,
327.871

27, 60.334,
328.068

26, 62.797,
328.202

325.349

45, 6.313, 324.815

48, 1.849, 144.417

52, 9.854, 143.836

55, 17.660,
143.339

58, 25.245,
142.867

62, 32.600,
142.420

65, 39.725,
141.998

68, 46.626,
141.602

72, 53.311,

■ 26, 63.355,
328.232

141.231

Harmonies

Complementary

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



42, 14.563, 325.349



45, 14.549, 143.401

Rectangle

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



42, 14.563, 325.349



42, 14.563, 15.349



42, 14.563, 145.349



42, 14.563, 195.349

Sweetspot

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



42, 14.561, 325.349



59, 5.099, 324.667



40, 11.989, 291.375



30, 3.458, 324.699



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, 14.561, 325.349



53, 21.560, 325.550



42, 10.424, 344.171



22, 4.583, 324.885



28, 66.124, 328.232



59, 112.931, 328.232

Inverse Universe

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



41, 8.663, 20.537



52, 13.001, 20.873



46, 10.222, 161.351



22, 2.649, 19.857



24, 58.001, 37.789



52, 102.189, 40.000

Previews

White Background



This preview shows how the CIELCh color 42, 14.563, 325.349 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, 14.563, 325.349 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, 14.563, 325.349

Background



This preview shows how black text looks on a background with the CIELCh color 42, 14.563, 325.349.



This preview shows how white text looks on a background with the CIELCh color 42, 14.563, 325.349.

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, 14.563, 325.349

Protanopia

42, 11.501, 288.046

Deuteranopia

42, 9.419, 306.149



Tritanopia
42, 7.927, 348.361

Trichromacy



Original Color
42, 14.563, 325.349

Protanomaly
42, 12.379, 302.820

Deuteranomaly
42, 10.679, 315.894

Tritanomaly
42, 10.400, 336.738

Monochromacy



Original Color
42, 14.563, 325.349

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 5.138, 324.753

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 14.563, 325.349 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(113, 93, 113)` looks like.

```
.text, #text, p{  
    color:rgb(113, 93, 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(113, 93, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 93, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 14.563, 325.349 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(113, 93, 113) }
```

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

```
.border{ border-color:rgb(113, 93, 113) }
```

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

Here you see how a box with a 4 pixel rgb(113, 93, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 93, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 93, 113);  
box-shadow:4px 4px 4px 4px rgb(113, 93,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 14.563, 325.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 93, 113) }
```

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

```
.background{ background-color: rgb(113, 93,  
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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