

Converting Colors

CIELCh(43, 6.641, 333.560)

Have a look what the booklet for
CIELCh(43, 6.641, 333.560) contains.

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Color

CIELCh(43, 7.084, 330.457)

Conversions

Conversions Part 1

Format	Color
Hex	6D626B
RGB	109, 98, 107
RGB Percent	43%, 38%, 42%
CMY	0.5709, 0.6141, 0.5788
CMYK	0.00, 0.10, 0.02, 0.57
HSL	311°, 5%, 41%
HSV	311°, 10%, 43%
XYZ	13.4375, 13.1578, 15.8536
YIQ	102.3150, 3.6670, 5.1310

Conversions

Conversions Part 2

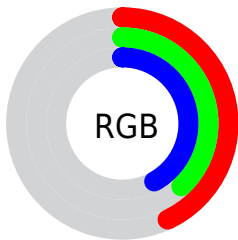
Format	Color
R_{YB}	109, 98, 107
Decimal	7168619
CIE _{Lab}	43.00, 6.16, -3.49
CIE _{LCh}	43, 7.084, 330.457
Yxy	13.1578, 0.3166, 0.3100
Android (android.graphics.Color)	4285358699 (0xFF6D626B)
YUV	102.3150, 2.3097, 5.8627
Hunter-Lab	36.2736, 2.6461, -0.5216

Details

The CIELCh color $43, 7.084, 330.457$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 7.062, 149.321$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 6.850, 332.772$, and $23, 6.737, 328.338$ is the 20% darker color. If you saturate the color by 10%, you get $40, 14.189, 331.068$, and if you desaturate by 10%, it is $46, 0.046, 325.695$.

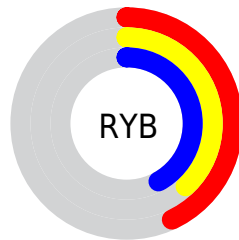
Distribution



Red (43%)

Green (38%)

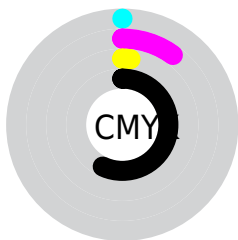
Blue (42%)



Red (43%)

Yellow (38%)

Blue (42%)

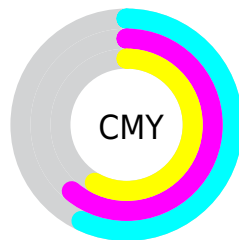


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (57%)



Cyan (57%)

Magenta (61%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 7.084, 330.457 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 43, 7.084, 330.457 by changing the saturation by 10% instead.

■ 43, 7.084, 330.457

■ 43, 7.084, 330.457

■ 100, 7.084,
330.457

■ 33, 7.084, 330.457

■ 63, 7.084, 330.457

■ 23, 7.084, 330.457

■ 73, 7.084, 330.457

■ 13, 7.084, 330.457

■ 83, 7.084, 330.457

■ 3, 7.084, 330.457

■ 93, 7.084, 330.457

■ 0, 7.084, 330.457

■ 43, 7.084, 330.457

■ 43, 7.084, 330.457

■ 40, 14.189,
331.068

■ 46, 0.046, 325.695

■ 37, 21.271,

■ 49, 6.858, 149.383

331.687

53, 13.596,
148.839

34, 28.190,
332.318

56, 20.149,
148.328

32, 34.753,
332.963

59, 26.510,
147.844

29, 40.717,
333.624

63, 32.681,
147.387

27, 45.805,
334.306

66, 38.669,
146.954

26, 49.740,
335.022

69, 44.481,
146.546

25, 52.317,
335.793

73, 50.128,
146.161

24, 54.129,
336.584

Harmonies

Complementary

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



43, 7.084, 330.457



45, 7.062, 149.321

Rectangle

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



43, 7.084, 330.457



43, 7.084, 20.457



43, 7.084, 150.457



43, 7.084, 200.457

Sweetspot

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



43, 7.083, 330.458



58, 2.618, 329.991



42, 6.705, 297.427



29, 1.971, 330.047



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 7.083, 330.458



55, 10.526, 330.597



43, 5.113, 354.529



21, 3.885, 330.389



26, 56.822, 336.661



56, 97.022, 337.263

Inverse Universe

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



43, 7.083, 330.458



55, 10.526, 330.597



45, 4.989, 172.880



21, 3.885, 330.389



26, 56.822, 336.661



56, 97.022, 337.263

Previews

White Background



This preview shows how the CIELCh color 43, 7.084, 330.457 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 43, 7.084, 330.457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

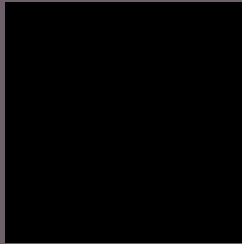
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 7.084, 330.457

Background



This preview shows how black text looks on a background with the CIELCh color 43, 7.084, 330.457.

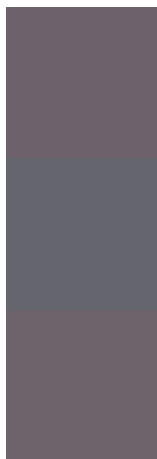


This preview shows how white text looks on a background with the CIELCh color 43, 7.084, 330.457.

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

43, 7.084, 330.457

Protanopia

43, 4.818, 290.885

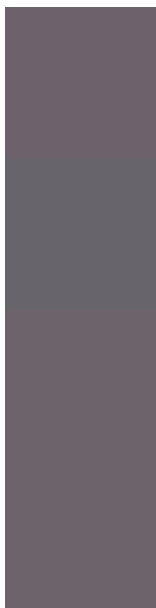
Deuteranopia

43, 6.354, 331.035



Tritanopia
43, 5.916, 334.839

Trichromacy



Original Color

43, 7.084, 330.457

Protanomaly

43, 5.108, 309.363

Deuteranomaly

43, 6.354, 331.035

Tritanomaly

43, 6.354, 331.035

Monochromacy



Original Color

43, 7.084, 330.457

Achromatopsia

44, 0.006, 296.813

Achromatomaly

43, 2.932, 324.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 7.084, 330.457 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(109, 98, 107)` looks like.

```
.text, #text, p{  
    color:rgb(109, 98, 107)  
}
```

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(109, 98, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 98, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 7.084, 330.457 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(109, 98, 107) }
```

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

```
.border{ border-color:rgb(109, 98, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 98, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 98, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 98, 107);  
box-shadow:4px 4px 4px 4px rgb(109, 98,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 7.084, 330.457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 98, 107) }
```

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

```
.background{ background-color: rgb(109, 98,  
107) }
```

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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