

Converting Colors

CIELCh(41, 4.652, 337.607)

Have a look what the booklet for
CIELCh(41, 4.652, 337.607) contains.

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Color

CIELCh(41, 5.250, 336.201)

Conversions

Conversions Part 1

Format	Color
Hex	675E64
RGB	103, 94, 100
RGB Percent	40%, 37%, 39%
CMY	0.5952, 0.6305, 0.6070
CMYK	0.00, 0.09, 0.03, 0.60
HSL	320°, 5%, 39%
HSV	320°, 9%, 40%
XYZ	11.9513, 11.8645, 13.7720
YIQ	97.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

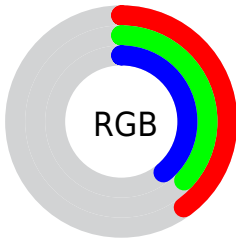
Format	Color
R_{YB}	103, 94, 100
Decimal	6774372
CIE Lab	41.00, 4.80, -2.12
CIE LCh	41, 5.250, 336.201
Yxy	11.8645, 0.3180, 0.3156
Android (android.graphics.Color)	4284964452 (0xFF675E64)
YUV	97.3750, 1.2941, 4.9331
Hunter-Lab	34.4449, 1.6554, 0.4057

Details

The CIELCh color **41, 5.250, 336.201** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 5.219, 155.123**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 5.549, 334.666**, and **21, 5.037, 338.362** is the 20% darker color. If you saturate the color by 10%, you get **38, 11.343, 336.924**, and if you desaturate by 10%, it is **44, 0.756, 155.875**.

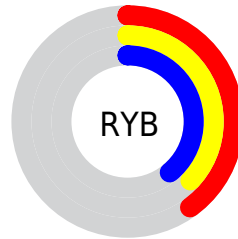
Distribution



Red (40%)

Green (37%)

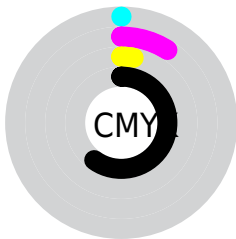
Blue (39%)



Red (40%)

Yellow (37%)

Blue (39%)

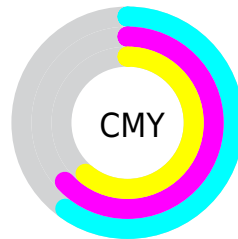


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (60%)



Cyan (60%)

Magenta (63%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 5.250, 336.201 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 41, 5.250, 336.201 by changing the saturation by 10% instead.

■ 41, 5.250, 336.201

■ 41, 5.250, 336.201

■ 100, 5.250,
336.201

■ 31, 5.250, 336.201

■ 61, 5.250, 336.201

■ 21, 5.250, 336.201

■ 71, 5.250, 336.201

■ 11, 5.250, 336.201

■ 81, 5.250, 336.201

■ 1, 5.250, 336.201

■ 91, 5.250, 336.201

■ 0, 5.250, 336.201

■ 41, 5.250, 336.201

■ 41, 5.250, 336.201

■ 38, 11.343,
336.924

■ 44, 0.756, 155.875

■ 35, 17.454,

■ 47, 6.628, 155.007

337.677

50, 12.342,
154.412

32, 23.472,
338.485

54, 17.889,
153.861

30, 29.237,
339.363

57, 23.268,
153.343

27, 34.541,
340.334

60, 28.483,
152.857

25, 39.130,
341.430

63, 33.541,
152.398

24, 42.739,
342.699

66, 38.451,
151.967

22, 45.149,
344.205

70, 43.225,
151.560

21, 46.806,
345.863

Harmonies

Complementary

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



41, 5.250, 336.201



43, 5.219, 155.123

Rectangle

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



41, 5.250, 336.201



41, 5.250, 26.201



41, 5.250, 156.201



41, 5.250, 206.201

Sweetspot

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



41, 5.249, 336.204



55, 2.244, 335.754



41, 5.635, 303.497



28, 1.715, 335.821



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



41, 5.249, 336.204



53, 7.518, 336.317



41, 3.922, 6.485



20, 3.346, 336.217



24, 50.579, 346.361



54, 86.715, 347.869

Inverse Universe

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



41, 5.249, 336.204



53, 7.518, 336.317



43, 3.785, 185.207



20, 3.346, 336.217



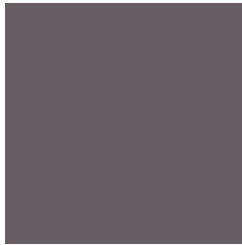
24, 50.579, 346.361



54, 86.715, 347.869

Previews

White Background



This preview shows how the CIELCh color 41, 5.250, 336.201 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 41, 5.250, 336.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

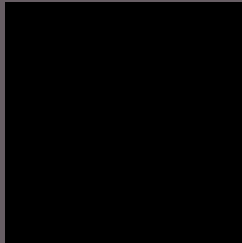
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 5.250, 336.201

Background



This preview shows how black text looks on a background with the CIELCh color 41, 5.250, 336.201.



This preview shows how white text looks on a background with the CIELCh color 41, 5.250, 336.201.

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

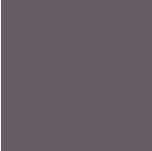
41, 5.250, 336.201

Protanopia

41, 3.073, 298.310

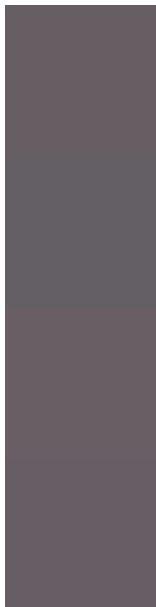
Deuteranopia

41, 5.558, 339.272



Tritanopia
41, 5.684, 331.801

Trichromacy



Original Color
41, 5.250, 336.201

Protanomaly
41, 4.023, 314.872

Deuteranomaly
41, 5.558, 339.272

Tritanomaly
41, 5.684, 331.801

Monochromacy



Original Color
41, 5.250, 336.201

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 1.752, 335.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 5.250, 336.201 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(103, 94, 100)` looks like.

```
.text, #text, p{  
    color:rgb(103, 94, 100)  
}
```

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(103, 94, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 94, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 5.250, 336.201 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(103, 94, 100) }
```

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

```
.border{ border-color:rgb(103, 94, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 94, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 94, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 94, 100);  
box-shadow:4px 4px 4px 4px rgb(103, 94,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 5.250, 336.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 94, 100) }
```

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

```
.background{ background-color: rgb(103, 94,  
100) }
```

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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