

Converting Colors

CIELCh(41, 5.424, 324.062)

Have a look what the booklet for
CIELCh(41, 5.424, 324.062) contains.

CIELCh(41, 5.164, 324.763)	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(41, 5.164, 324.763)

Conversions

Conversions Part 1

Format	Color
Hex	665F66
RGB	102, 95, 102
RGB Percent	40%, 37%, 40%
CMY	0.6016, 0.6290, 0.6016
CMYK	0.00, 0.07, 0.00, 0.60
HSL	300°, 4%, 38%
HSV	300°, 7%, 40%
XYZ	11.8677, 11.8645, 14.1294
YIQ	97.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

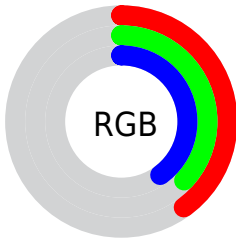
Format	Color
R_{YB}	102, 95, 102
Decimal	6709094
CIE Lab	41.00, 4.22, -2.98
CIE LCh	41, 5.164, 324.763
Yxy	11.8645, 0.3134, 0.3134
Android (android.graphics.Color)	4284899174 (0xFF665F66)
YUV	97.8910, 2.0257, 3.6036
Hunter-Lab	34.4449, 1.2219, -0.2094

Details

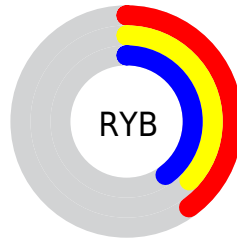
The CIELCh color $41, 5.164, 324.763$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42, 5.152, 144.102$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 5.483, 324.682$, and $21, 4.919, 324.928$ is the 20% darker color. If you saturate the color by 10%, you get $38, 12.722, 325.294$, and if you desaturate by 10%, it is $44, 2.311, 144.352$.

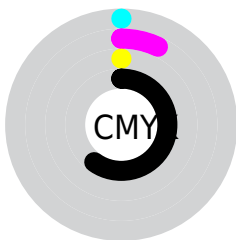
Distribution



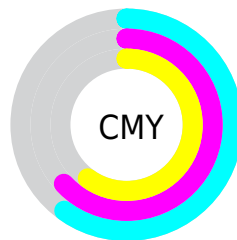
- Red (40%)
- Green (37%)
- Blue (40%)



- Red (40%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (60%)



- Cyan (60%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 5.164, 324.763 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, 5.164, 324.763 by changing the saturation by 10% instead.

■ 41, 5.164, 324.763

■ 41, 5.164, 324.763

■ 100, 5.164,
324.763

■ 31, 5.164, 324.763

■ 61, 5.164, 324.763

■ 21, 5.164, 324.763

■ 71, 5.164, 324.763

■ 11, 5.164, 324.763

■ 81, 5.164, 324.763

■ 1, 5.164, 324.763

■ 91, 5.164, 324.763

■ 0, 5.164, 324.763

■ 41, 5.164, 324.763

■ 41, 5.164, 324.763

■ 38, 12.722,
325.294

■ 44, 2.311, 144.352

■ 35, 20.278,

■ 47, 9.638, 143.802

325.806

50, 16.784,
143.312

33, 27.698,
326.299

53, 23.729,
142.847

30, 34.809,
326.761

56, 30.466,
142.406

28, 41.389,
327.179

59, 36.994,
141.990

26, 47.186,
327.538

62, 43.319,
141.599

25, 51.949,
327.827

66, 49.448,
141.232

24, 55.478,
328.037

69, 55.392,
140.891

23, 58.014,
328.185

Harmonies

Complementary

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



41, 5.164, 324.763



42, 5.152, 144.102

Rectangle

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



41, 5.164, 324.763



41, 5.164, 14.763



41, 5.164, 144.763



41, 5.164, 194.763

Sweetspot

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



41, 5.163, 324.763



55, 1.865, 324.445



40, 4.188, 290.175



28, 1.052, 324.426



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



41, 5.163, 324.763



52, 7.474, 324.837



41, 3.673, 343.221



20, 4.229, 324.875



26, 64.101, 328.231



57, 111.164, 328.231

Inverse Universe

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



41, 2.963, 19.686



52, 4.308, 19.790



42, 3.639, 162.307



19, 2.443, 19.842



22, 55.895, 37.350



51, 100.590, 39.999

Previews

White Background



This preview shows how the CIELCh color 41, 5.164, 324.763 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 41, 5.164, 324.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

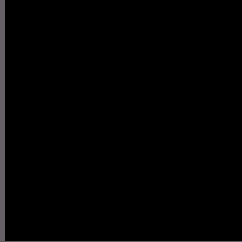
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 5.164, 324.763

Background



This preview shows how black text looks on a background with the CIELCh color 41, 5.164, 324.763.



This preview shows how white text looks on a background with the CIELCh color 41, 5.164, 324.763.

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, 5.164, 324.763

Protanopia

41, 4.279, 296.276

Deuteranopia

41, 6.409, 331.059



Tritanopia
41, 5.164, 324.763

Trichromacy



Original Color

41, 5.164, 324.763

Protanomaly

41, 4.582, 311.775

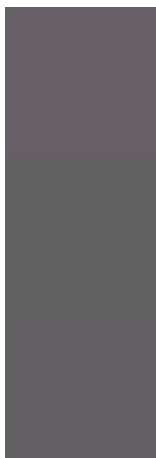
Deuteranomaly

41, 6.148, 328.058

Tritanomaly

41, 5.164, 324.763

Monochromacy



Original Color

41, 5.164, 324.763

Achromatopsia

41, 0.006, 296.813

Achromatomaly

41, 2.221, 324.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 5.164, 324.763 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(102, 95, 102)` looks like.

```
.text, #text, p{  
    color:rgb(102, 95, 102)  
}
```

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(102, 95, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 95, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 5.164, 324.763 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(102, 95, 102) }
```

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

```
.border{ border-color:rgb(102, 95, 102) }
```

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

Here you see how a box with a 4 pixel rgb(102, 95, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 95, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 95, 102);  
box-shadow:4px 4px 4px 4px rgb(102, 95,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 5.164, 324.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 95, 102) }
```

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

```
.background{ background-color: rgb(102, 95,  
102) }
```

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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