

Converting Colors

CIELCh(37, 8.594, 341.445)

Have a look what the booklet for
CIELCh(37, 8.594, 341.445) contains.

CIELCh(37, 8.463, 339.706)	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(37, 8.463, 339.706)

Conversions

Conversions Part 1

Format	Color
Hex	62535C
RGB	98, 83, 92
RGB Percent	38%, 33%, 36%
CMY	0.6160, 0.6748, 0.6395
CMYK	0.00, 0.15, 0.06, 0.62
HSL	324°, 8%, 35%
HSV	324°, 15%, 38%
XYZ	10.0437, 9.5379, 11.4184
YIQ	88.5110, 6.0510, 5.9790

Conversions

Conversions Part 2

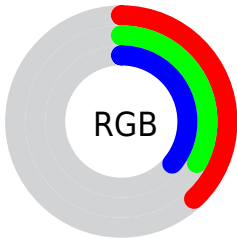
Format	Color
R_{YB}	98, 83, 92
Decimal	6443868
CIE Lab	37.00, 7.94, -2.94
CIE LCh	37, 8.463, 339.706
Yxy	9.5379, 0.3240, 0.3077
Android (android.graphics.Color)	4284633948 (0xFF62535C)
YUV	88.5110, 1.7201, 8.3219
Hunter-Lab	30.8835, 4.0042, -0.3026

Details

The CIELCh color $37, 8.463, 339.706$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40, 8.368, 157.533$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $57, 8.802, 340.008$, and $17, 8.303, 339.566$ is the 20% darker color. If you saturate the color by 10%, you get $34, 14.068, 340.511$, and if you desaturate by 10%, it is $40, 2.911, 338.927$.

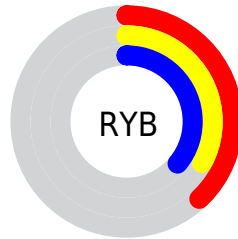
Distribution



 Red (38%)

 Green (33%)

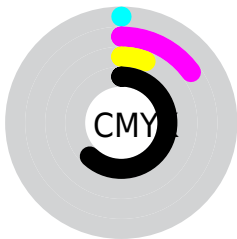
 Blue (36%)



 Red (38%)

 Yellow (33%)

 Blue (36%)

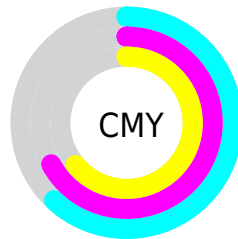


 Cyan (0%)

 Magenta (15%)

 Yellow (6%)

 Black (62%)



 Cyan (62%)

 Magenta (67%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 8.463, 339.706 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 37, 8.463, 339.706 by changing the saturation by 10% instead.

■ 37, 8.463, 339.706

■ 37, 8.463, 339.706

■ 100, 8.463,
339.706

■ 27, 8.463, 339.706

■ 57, 8.463, 339.706

■ 17, 8.463, 339.706

■ 67, 8.463, 339.706

■ 7, 8.463, 339.706

■ 77, 8.463, 339.706

■ 0, 8.463, 339.706

■ 87, 8.463, 339.706

■ 97, 8.463, 339.706

■ 37, 8.463, 339.706

■ 37, 8.463, 339.706

■ 34, 14.068,
340.511

■ 40, 2.911, 338.927

31, 19.646,
341.382

43, 2.529, 158.411

29, 25.070,
342.343

46, 7.830, 157.719

26, 30.164,
343.425

49, 12.976,
157.116

24, 34.708,
344.667

52, 17.963,
156.556

23, 38.456,
346.130

55, 22.793,
156.033

21, 41.177,
347.893

58, 27.473,
155.543

20, 42.956,
349.960

61, 32.011,
155.082

20, 43.817,
350.902

64, 36.417,
154.648

Harmonies

Complementary

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



37, 8.463, 339.706



40, 8.368, 157.533

Rectangle

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



37, 8.463, 339.706



37, 8.463, 29.706



37, 8.463, 159.706



37, 8.463, 209.706

Sweetspot

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



37, 8.462, 339.708



52, 3.403, 338.913



36, 9.666, 306.239



26, 2.302, 338.953



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



37, 8.462, 339.708



47, 12.386, 339.961



37, 6.620, 12.352



18, 3.056, 339.211



23, 48.090, 351.413



52, 83.153, 353.469

Inverse Universe

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



37, 8.462, 339.708



47, 12.386, 339.961



40, 6.146, 190.099



18, 3.056, 339.211



23, 48.090, 351.413



52, 83.153, 353.469

Previews

White Background



This preview shows how the CIELCh color 37, 8.463, 339.706 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 37, 8.463, 339.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

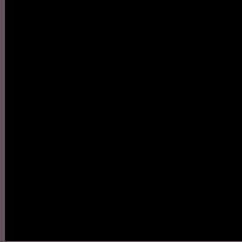
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 8.463, 339.706

Background



This preview shows how black text looks on a background with the CIELCh color 37, 8.463, 339.706.



This preview shows how white text looks on a background with the CIELCh color 37, 8.463, 339.706.

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


37, 8.463, 339.706

Protanopia

37, 4.326, 290.882

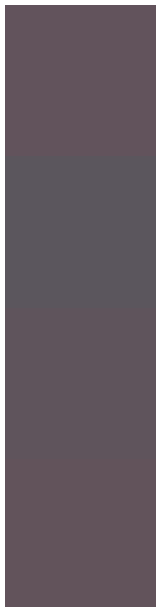
Deuteranopia

37, 5.778, 331.847



Tritanopia
37, 7.743, 346.716

Trichromacy



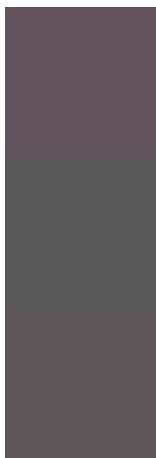
Original Color
37, 8.463, 339.706

Protanomaly
37, 4.828, 316.453

Deuteranomaly
37, 6.809, 333.895

Tritanomaly
37, 8.087, 343.050

Monochromacy



Original Color
37, 8.463, 339.706

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 3.169, 344.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 8.463, 339.706 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(98, 83, 92)` looks like.

```
.text, #text, p{  
    color:rgb(98, 83, 92)  
}
```

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(98, 83, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 83, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 8.463, 339.706 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(98, 83, 92) }
```

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

```
.border{ border-color:rgb(98, 83, 92) }
```

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

Here you see how a box with a 4 pixel rgb(98, 83, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 83, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 83, 92);  
box-shadow:4px 4px 4px 4px rgb(98, 83, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 37, 8.463, 339.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 83, 92) }
```

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

```
.background{ background-color: rgb(98, 83,  
92) }
```

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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