

Converting Colors

CIELCh(37, 15.667, 163.802)

Have a look what the booklet for
CIELCh(37, 15.667, 163.802)
contains.

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Color

CIELCh(37, 15.755, 164.102)

Conversions

Conversions Part 1

Format	Color
Hex	3E5E50
RGB	62, 94, 80
RGB Percent	24%, 37%, 31%
CMY	0.7581, 0.6326, 0.6875
CMYK	0.34, 0.00, 0.15, 0.63
HSL	154°, 21%, 30%
HSV	154°, 34%, 37%
XYZ	7.3786, 9.5379, 8.9821
YIQ	82.8360, -14.5780, -11.1380

Conversions

Conversions Part 2

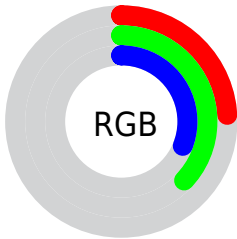
Format	Color
RYB	62, 82, 94
Decimal	4087376
CIELab	37.00, -15.15, 4.32
CIElCh	37, 15.755, 164.102
Yxy	9.5379, 0.2849, 0.3683
Android (android.graphics.Color)	4282277456 (0xFF3E5E50)
YUV	82.8360, -1.3981, -18.2732
Hunter-Lab	30.8835, -11.3993, 4.3746

Details

The CIELCh color $37, 15.755, 164.102$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $30, 16.610, 350.366$, and the grayscale version is $35, 0.005, 296.813$.

A 20% lighter version of the original color is $57, 16.014, 163.205$, and $17, 15.697, 164.284$ is the 20% darker color. If you saturate the color by 10%, you get $36, 20.106, 162.983$, and if you desaturate by 10%, it is $38, 11.236, 165.113$.

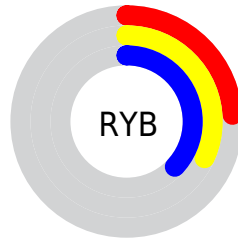
Distribution



Red (24%)

Green (37%)

Blue (31%)



Red (24%)

Yellow (32%)

Blue (37%)

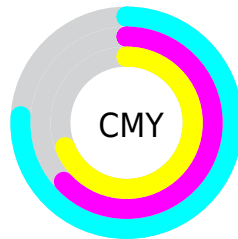


Cyan (34%)

Magenta (0%)

Yellow (15%)

Black (63%)



Cyan (76%)


Magenta (63%)


Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 15.755, 164.102 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, 15.755, 164.102 by changing the saturation by 10% instead.


 37, 15.755,
164.102


 37, 15.755,
164.102

 100, 15.755,
164.102


 27, 15.755,
164.102

 57, 15.755,
164.102


 17, 15.755,
164.102


 67, 15.755,
164.102

 7, 15.755, 164.102

 77, 15.755,
164.102

 0, 15.755, 164.102

 87, 15.755,
164.102

 97, 15.755,
164.102

■ 37, 15.755,
164.102

■ 37, 15.755,
164.102

■ 36, 20.106,
162.983

■ 38, 11.236,
165.113

■ 36, 24.219,
161.739

■ 39, 6.611, 166.042

■ 39, 1.937, 166.970

■ 35, 28.029,
160.349

■ 40, 2.740, 347.524

■ 35, 31.478,
158.793

■ 41, 7.381, 348.297

■ 35, 34.528,
157.057

■ 42, 11.958,
348.979

■ 35, 37.217,
155.193

■ 44, 16.451,
349.614

■ 34, 38.770,
154.198

■ 45, 20.845,
350.210

■ 46, 25.131,

Harmonies

Complementary

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



37, 15.755, 164.102



30, 16.610, 350.366

Rectangle

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



37, 15.755, 164.102



37, 15.755, 214.102



37, 15.755, 344.102



37, 15.755, 34.102

Sweetspot

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



37, 15.756, 164.101



50, 5.828, 166.385



38, 20.961, 129.345



25, 3.939, 166.304



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



37, 15.756, 164.101



47, 23.336, 163.199



37, 11.584, 202.875



18, 2.577, 166.521



40, 43.698, 153.715



83, 79.409, 152.125

Inverse Universe

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



30, 16.610, 350.366



37, 24.891, 351.364



30, 14.488, 25.863



17, 2.614, 347.828



22, 45.347, 5.521



51, 79.985, 8.904

Previews

White Background



This preview shows how the CIELCh color 37, 15.755, 164.102 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 CIE LCh color 37, 15.755, 164.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

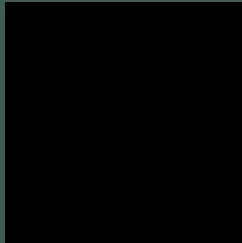
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 15.755, 164.102

Background



This preview shows how black text looks on a background with the CIELCh color 37, 15.755, 164.102.



This preview shows how white text looks on a background with the CIELCh color 37, 15.755, 164.102.

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, 15.755, 164.102

Protanopia
37, 6.992, 94.249

Deuteranopia
37, 5.867, 32.214



Tritanopia
37, 10.266, 223.414

Trichromacy



Original Color
37, 15.755, 164.102

Protanomaly
37, 8.395, 136.747

Deuteranomaly
37, 4.661, 131.233

Tritanomaly
37, 10.944, 194.725

Monochromacy



Original Color
37, 15.755, 164.102

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 5.977, 167.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 15.755, 164.102 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(62, 94, 80)` looks like.

```
.text, #text, p{  
    color:rgb(62, 94, 80)  
}
```

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(62, 94, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 94, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 15.755, 164.102 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(62, 94, 80) }
```

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

```
.border{ border-color:rgb(62, 94, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 94, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 94, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 94, 80);  
box-shadow:4px 4px 4px 4px rgb(62, 94, 80)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 37, 15.755, 164.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 94, 80) }
```

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

```
.background{ background-color: rgb(62, 94,  
80) }
```

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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