

Converting Colors

CIELCh(37, 15.364, 193.841)

Have a look what the booklet for
CIELCh(37, 15.364, 193.841)
contains.

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Color

CIELCh(37, 15.275, 192.765)

Conversions

Conversions Part 1

Format	Color
Hex	355E5C
RGB	53, 94, 92
RGB Percent	21%, 37%, 36%
CMY	0.7921, 0.6313, 0.6392
CMYK	0.44, 0.00, 0.02, 0.63
HSL	177°, 28%, 29%
HSV	177°, 44%, 37%
XYZ	7.4051, 9.5379, 11.5789
YIQ	81.5130, -23.7940, -9.3140

Conversions

Conversions Part 2

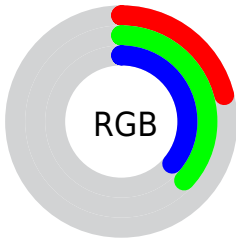
Format	Color
RYB	53, 74, 94
Decimal	3497564
CIELab	37.00, -14.90, -3.38
CIElCh	37, 15.275, 192.765
Yxy	9.5379, 0.2596, 0.3344
Android (android.graphics.Color)	4281687644 (0xFF355E5C)
YUV	81.5130, 5.1701, -25.0059
Hunter-Lab	30.8835, -11.2462, -0.6107

Details

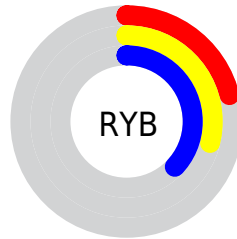
The CIELCh color **37, 15.275, 192.765** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27, 19.812, 19.761**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 15.628, 191.605**, and **17, 15.504, 191.143** is the 20% darker color. If you saturate the color by 10%, you get **37, 17.970, 192.196**, and if you desaturate by 10%, it is **38, 12.218, 193.343**.

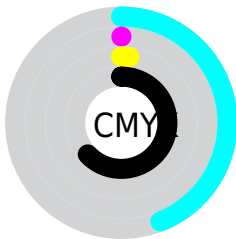
Distribution



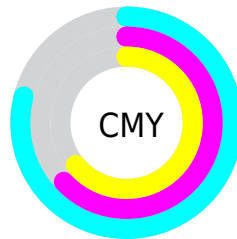
- Red (21%)
- Green (37%)
- Blue (36%)



- Red (21%)
- Yellow (29%)
- Blue (37%)



- Cyan (44%)
- Magenta (0%)
- Yellow (2%)
- Black (63%)





- Cyan (79%)
- Magenta (63%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 15.275, 192.765 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, 15.275, 192.765 by changing the saturation by 10% instead.


 37, 15.275,
192.765


 37, 15.275,
192.765

 100, 15.275,
192.765


 27, 15.275,
192.765

 57, 15.275,
192.765


 17, 15.275,
192.765


 67, 15.275,
192.765

 7, 15.275, 192.765

 77, 15.275,
192.765

 0, 15.275, 192.765

 87, 15.275,
192.765

 97, 15.275,
192.765

■ 37, 15.275,
192.765

■ 37, 15.275,
192.765

■ 37, 17.970,
192.196

■ 38, 12.218,
193.343

■ 36, 20.256,
191.641

■ 38, 8.852, 193.942

■ 39, 5.233, 194.570

■ 36, 22.101,
191.088

■ 40, 1.416, 195.348

■ 36, 23.494,
190.532

■ 40, 2.550, 15.626

■ 36, 24.484,
189.966

■ 41, 6.619, 16.334

■ 42, 10.754, 16.987

■ 35, 25.081,
189.617

■ 43, 14.923, 17.631

■ 45, 19.102, 18.269

Harmonies

Complementary

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



37, 15.275, 192.765



27, 19.812, 19.761

Rectangle

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



37, 15.275, 192.765



37, 15.275, 242.765



37, 15.275, 12.765



37, 15.275, 62.765

Sweetspot

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



37, 15.275, 192.763



50, 6.214, 194.584



36, 30.134, 140.256



25, 4.292, 194.483



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, 15.275, 192.763



47, 21.658, 192.196



31, 13.964, 256.564



18, 2.134, 194.896



41, 27.968, 189.494



85, 49.437, 189.065

Inverse Universe

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



27, 19.812, 19.761



33, 30.078, 21.556



32, 16.281, 65.194



17, 2.236, 15.865



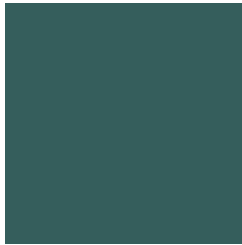
21, 52.609, 34.912



50, 97.080, 38.559

Previews

White Background



This preview shows how the CIELCh color 37, 15.275, 192.765 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, 15.275, 192.765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

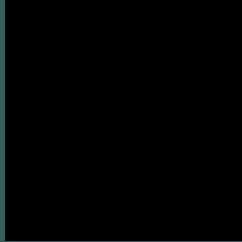
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 15.275, 192.765

Background



This preview shows how black text looks on a background with the CIELCh color 37, 15.275, 192.765.



This preview shows how white text looks on a background with the CIELCh color 37, 15.275, 192.765.

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, 15.275, 192.765

Protanopia

37, 1.061, 343.609

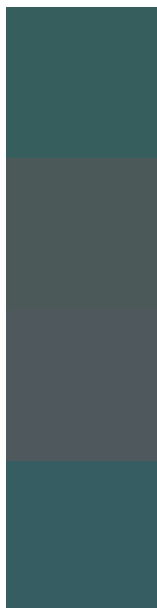
Deuteranopia

37, 7.066, 319.229



Tritanopia
37, 14.110, 215.806

Trichromacy



Original Color
37, 15.275, 192.765

Protanomaly
37, 5.710, 198.684

Deuteranomaly
37, 5.023, 237.166

Tritanomaly
37, 14.247, 207.756

Monochromacy



Original Color
37, 15.275, 192.765

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 6.128, 198.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 15.275, 192.765 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(53, 94, 92)` looks like.

```
.text, #text, p{  
    color:rgb(53, 94, 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(53, 94, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 94, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 15.275, 192.765 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(53, 94, 92) }
```

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

```
.border{ border-color:rgb(53, 94, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 94, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 94, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 94, 92);  
box-shadow:4px 4px 4px 4px rgb(53, 94, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 37, 15.275, 192.765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 94, 92) }
```

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

```
.background{ background-color: rgb(53, 94,  
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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