

Converting Colors

CIELCh(37, 25.640, 133.908)

Have a look what the booklet for
CIELCh(37, 25.640, 133.908)
contains.

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Color

CIELCh(37, 25.267, 134.021)

Conversions

Conversions Part 1

Format	Color
Hex	445E39
RGB	68, 94, 57
RGB Percent	27%, 37%, 22%
CMY	0.7332, 0.6312, 0.7763
CMYK	0.28, 0.00, 0.39, 0.63
HSL	102°, 24%, 30%
HSV	102°, 39%, 37%
XYZ	7.1317, 9.5379, 5.3405
YIQ	82.0080, -3.6190, -17.0190

Conversions

Conversions Part 2

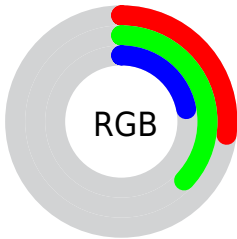
Format	Color
RYB	57, 94, 83
Decimal	4480569
CIELab	37.00, -17.56, 18.17
CIELCh	37, 25.267, 134.021
Yxy	9.5379, 0.3240, 0.4333
Android (android.graphics.Color)	4282670649 (0xFF445E39)
YUV	82.0080, -12.3289, -12.2850
Hunter-Lab	30.8835, -12.8264, 11.3657

Details

The CIELCh color **37, 25.267, 134.021** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **28, 25.955, 317.381**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 25.836, 133.909**, and **17, 25.397, 133.988** is the 20% darker color. If you saturate the color by 10%, you get **36, 31.466, 133.500**, and if you desaturate by 10%, it is **38, 18.901, 134.534**.

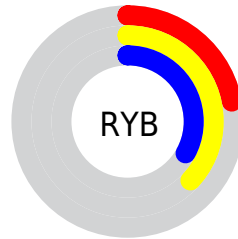
Distribution



Red (27%)

Green (37%)

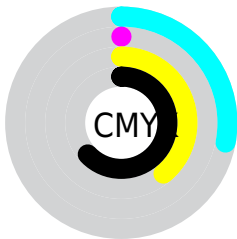
Blue (22%)



Red (22%)

Yellow (37%)

Blue (33%)

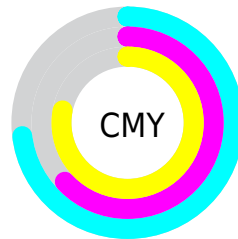


Cyan (28%)

Magenta (0%)

Yellow (39%)

Black (63%)



Cyan (73%)


Magenta (63%)


Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 25.267, 134.021 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, 25.267, 134.021 by changing the saturation by 10% instead.


 37, 25.267,
134.021


 37, 25.267,
134.021

 100, 25.267,
134.021


 27, 25.267,
134.021

 57, 25.267,
134.021


 17, 25.267,
134.021


 67, 25.267,
134.021

 7, 25.267, 134.021

 77, 25.267,
134.021

 0, 25.267, 134.021

 87, 25.267,
134.021

 97, 25.267,
134.021

■ 37, 25.267,
134.021

■ 37, 25.267,
134.021

■ 36, 31.466,
133.500

■ 38, 18.901,
134.534

■ 36, 37.370,
133.004

■ 38, 12.455,
135.018

■ 35, 42.815,
132.593

■ 39, 5.998, 135.466

■ 35, 47.587,
132.351

■ 40, 0.421, 315.596

■ 41, 6.767, 316.181

■ 35, 51.446,
132.384

■ 42, 13.015,
316.498

■ 35, 54.842,
132.339

■ 43, 19.146,
316.772

■ 35, 55.068,
132.319

■ 44, 25.151,
317.010

■ 45, 31.022,
317.216

Harmonies

Complementary

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



37, 25.267, 134.021



28, 25.955, 317.381

Rectangle

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



37, 25.267, 134.021



37, 25.267, 184.021



37, 25.267, 314.021



37, 25.267, 4.021

Sweetspot

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



37, 25.268, 134.022



50, 9.577, 135.334



36, 16.866, 89.040



25, 6.295, 135.302



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, 25.268, 134.022



47, 37.260, 133.546



36, 24.085, 147.600



18, 3.522, 135.490



40, 61.534, 132.577



83, 109.550, 133.398

Inverse Universe

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



28, 25.955, 317.381



34, 38.492, 317.719



29, 24.171, 332.902



17, 3.549, 316.142



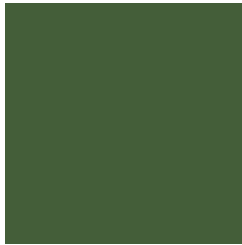
19, 64.115, 317.888



45, 113.390, 317.302

Previews

White Background



This preview shows how the CIE LCh color 37, 25.267, 134.021 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, 25.267, 134.021 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, 25.267, 134.021

Background



This preview shows how black text looks on a background with the CIELCh color 37, 25.267, 134.021.



This preview shows how white text looks on a background with the CIELCh color 37, 25.267, 134.021.

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, 25.267, 134.021

Protanopia

37, 20.458, 95.979

Deuteranopia

37, 17.559, 72.755



Tritanopia
37, 7.208, 235.894

Trichromacy



Original Color
37, 25.267, 134.021

Protanomaly
37, 21.282, 113.074

Deuteranomaly
37, 17.203, 101.019

Tritanomaly
37, 9.763, 163.391

Monochromacy



Original Color
37, 25.267, 134.021

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 9.000, 134.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 25.267, 134.021 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(68, 94, 57)` looks like.

```
.text, #text, p{  
    color:rgb(68, 94, 57)  
}
```

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(68, 94, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 94, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 25.267, 134.021 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(68, 94, 57) }
```

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

```
.border{ border-color:rgb(68, 94, 57) }
```

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

Here you see how a box with a 4 pixel rgb(68, 94, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 94, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 94, 57);  
box-shadow:4px 4px 4px 4px rgb(68, 94, 57)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 37, 25.267, 134.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 94, 57) }
```

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

```
.background{ background-color: rgb(68, 94,  
57) }
```

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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