

Converting Colors

CIELCh(34, 37.449, 141.265)

Have a look what the booklet for
CIELCh(34, 37.449, 141.265)
contains.

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Color

CIELCh(34, 37.544, 141.365)

Conversions

Conversions Part 1

Format	Color
Hex	265B29
RGB	38, 91, 41
RGB Percent	15%, 36%, 16%
CMY	0.8519, 0.6440, 0.8400
CMYK	0.58, 0.00, 0.55, 0.64
HSL	123°, 41%, 25%
HSV	123°, 58%, 36%
XYZ	4.9079, 8.0082, 3.3655
YIQ	69.4530, -15.5380, -26.7860

Conversions

Conversions Part 2

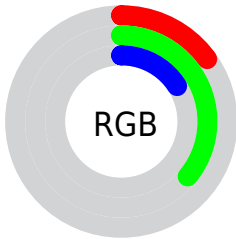
Format	Color
RYB	38, 88, 91
Decimal	2513705
CIELab	34.00, -29.33, 23.44
CIElCh	34, 37.544, 141.365
Yxy	8.0082, 0.3014, 0.4919
Android (android.graphics.Color)	4280703785 (0xFF265B29)
YUV	69.4530, -14.0273, -27.5843
Hunter-Lab	28.2988, -18.5652, 12.7580

Details

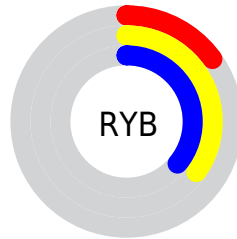
The CIELCh color **34, 37.544, 141.365** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **25, 37.211, 328.965**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 37.564, 141.710**, and **14, 32.564, 140.877** is the 20% darker color. If you saturate the color by 10%, you get **34, 42.967, 140.229**, and if you desaturate by 10%, it is **35, 31.597, 142.422**.

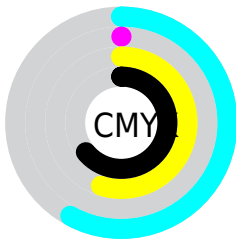
Distribution



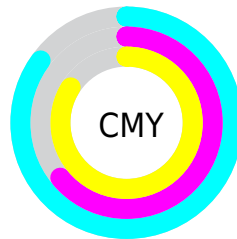
- Red (15%)
- Green (36%)
- Blue (16%)



- Red (15%)
- Yellow (35%)
- Blue (36%)



- Cyan (58%)
- Magenta (0%)
- Yellow (55%)
- Black (64%)





- Cyan (85%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 37.544, 141.365 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 34, 37.544, 141.365 by changing the saturation by 10% instead.


 34, 37.544,
141.365


 34, 37.544,
141.365

 100, 37.544,
141.365


 24, 37.544,
141.365

 54, 37.544,
141.365


 14, 37.544,
141.365


 64, 37.544,
141.365

 4, 37.544, 141.365

 74, 37.544,
141.365

 0, 37.544, 141.365

 84, 37.544,
141.365

 94, 37.544,
141.365

■ 34, 37.544,
141.365

■ 34, 37.544,
141.365

■ 34, 42.967,
140.229

■ 35, 31.597,
142.422

■ 33, 47.678,
139.065

■ 35, 25.291,
143.372

■ 33, 51.484,
137.960

■ 36, 18.768,
144.209

■ 33, 54.463,
137.172

■ 37, 12.146,
144.940

■ 33, 54.933,
137.057

■ 38, 5.518, 145.582

■ 39, 1.045, 325.947

■ 40, 7.491, 326.538

■ 41, 13.787,
326.948

■ 42, 19.909,
327.297

Harmonies

Complementary

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



34, 37.544, 141.365



25, 37.211, 328.965

Rectangle

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



34, 37.544, 141.365



34, 37.544, 191.365



34, 37.544, 321.365



34, 37.544, 11.365

Sweetspot

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



34, 37.544, 141.365



47, 14.674, 144.929



37, 31.169, 107.499



23, 10.099, 144.795



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



34, 37.544, 141.365



43, 53.715, 139.788



35, 25.513, 160.487



18, 3.714, 145.555



40, 63.011, 136.865



82, 112.421, 136.364

Inverse Universe

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



25, 37.211, 328.965



30, 52.598, 329.545



23, 27.520, 352.878



17, 3.721, 326.446



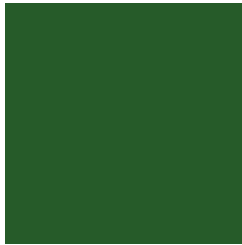
25, 59.462, 330.529



55, 104.516, 330.688

Previews

White Background



This preview shows how the CIELCh color 34, 37.544, 141.365 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 34, 37.544, 141.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

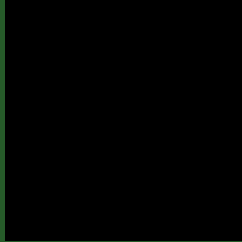
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 37.544, 141.365

Background



This preview shows how black text looks on a background with the CIELCh color 34, 37.544, 141.365.



This preview shows how white text looks on a background with the CIELCh color 34, 37.544, 141.365.

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

34, 37.544, 141.365

Protanopia

34, 26.419, 96.801

Deuteranopia

34, 22.161, 78.358



Tritanopia
34, 13.267, 217.326

Trichromacy



Original Color
34, 37.544, 141.365

Protanomaly
34, 28.480, 119.171

Deuteranomaly
33, 23.391, 113.257

Tritanomaly
34, 18.573, 168.587

Monochromacy



Original Color
34, 37.544, 141.365

Achromatopsia
29, 0.005, 296.813

Achromatomaly
31, 14.271, 144.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 37.544, 141.365 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(38, 91, 41)` looks like.

```
.text, #text, p{  
    color:rgb(38, 91, 41)  
}
```

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(38, 91, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 91, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 37.544, 141.365 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(38, 91, 41) }
```

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

```
.border{ border-color:rgb(38, 91, 41) }
```

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

Here you see how a box with a 4 pixel rgb(38, 91, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 91, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 91, 41);  
box-shadow:4px 4px 4px 4px rgb(38, 91, 41)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 37.544, 141.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 91, 41) }
```

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

```
.background{ background-color: rgb(38, 91,  
41) }
```

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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