

Converting Colors

CIELCh(34, 20.932, 147.327)

Have a look what the booklet for
CIELCh(34, 20.932, 147.327)
contains.

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Color

CIELCh(34, 21.082, 146.722)

Conversions

Conversions Part 1

Format	Color
Hex	38573D
RGB	56, 87, 61
RGB Percent	22%, 34%, 24%
CMY	0.7801, 0.6585, 0.7605
CMYK	0.36, 0.00, 0.30, 0.66
HSL	130°, 22%, 28%
HSV	130°, 36%, 34%
XYZ	5.8927, 8.0082, 5.6594
YIQ	74.7670, -10.1300, -14.6580

Conversions

Conversions Part 2

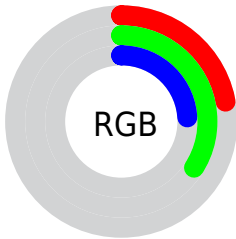
Format	Color
RYB	56, 83, 87
Decimal	3692349
CIELab	34.00, -17.62, 11.57
CIELCh	34, 21.082, 146.722
Yxy	8.0082, 0.3013, 0.4094
Android (android.graphics.Color)	4281882429 (0xFF38573D)
YUV	74.7670, -6.7871, -16.4587
Hunter-Lab	28.2988, -12.3535, 7.9519

Details

The CIELCh color $34, 21.082, 146.722$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $28, 21.133, 331.232$, and the grayscale version is $32, 0.005, 296.813$.

A 20% lighter version of the original color is $54, 20.891, 147.264$, and $14, 20.636, 147.282$ is the 20% darker color. If you saturate the color by 10%, you get $33, 26.831, 145.769$, and if you desaturate by 10%, it is $35, 15.188, 147.556$.

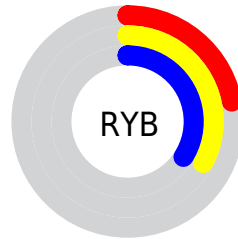
Distribution



 Red (22%)

 Green (34%)

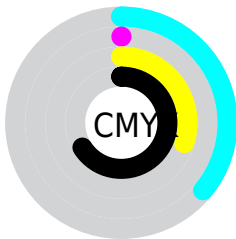
 Blue (24%)




 Red (22%)

 Yellow (33%)

 Blue (34%)

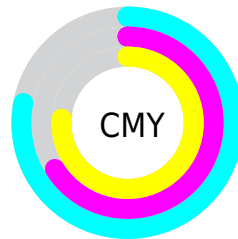


 Cyan (36%)


 Magenta (0%)

 Yellow (30%)

 Black (66%)



 Cyan (78%)


 Magenta (66%)

 Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 21.082, 146.722 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, 21.082, 146.722 by changing the saturation by 10% instead.


 34, 21.082,
146.722


 34, 21.082,
146.722

 100, 21.082,
146.722


 24, 21.082,
146.722

 54, 21.082,
146.722

 14, 21.082,
146.722


 64, 21.082,
146.722

 4, 21.082, 146.722

 74, 21.082,
146.722

 0, 21.082, 146.722

 84, 21.082,
146.722

 94, 21.082,
146.722

■ 34, 21.082,
146.722

■ 34, 21.082,
146.722

■ 33, 26.831,
145.769

■ 35, 15.188,
147.556

■ 33, 32.330,
144.688

■ 36, 9.236, 148.285

■ 32, 37.462,
143.478

■ 36, 3.298, 148.944

■ 37, 2.571, 329.378

■ 32, 42.104,
142.154

■ 39, 8.332, 329.899

■ 32, 46.135,
140.755

■ 40, 13.955,
330.325

■ 32, 49.531,
139.474

■ 41, 19.425,
330.697

■ 31, 50.875,
139.070

■ 42, 24.731,
331.025

■ 43, 29.870,

Harmonies

Complementary

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



34, 21.082, 146.722



28, 21.133, 331.232

Rectangle

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



34, 21.082, 146.722



34, 21.082, 196.722



34, 21.082, 326.722



34, 21.082, 16.722

Sweetspot

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



34, 21.083, 146.722



46, 8.007, 148.569



36, 19.025, 113.617



23, 5.324, 148.522



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



34, 21.083, 146.722



43, 31.215, 145.893



34, 14.435, 169.320



17, 3.288, 148.737



39, 59.436, 138.607



81, 108.239, 137.596

Inverse Universe

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



28, 21.133, 331.232



34, 31.230, 331.755



27, 15.636, 356.186



16, 3.297, 329.663



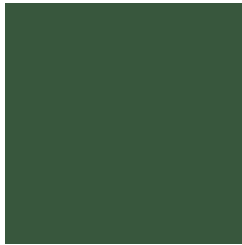
23, 54.141, 335.450



54, 95.489, 336.025

Previews

White Background



This preview shows how the CIELCh color 34, 21.082, 146.722 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 34, 21.082, 146.722 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, 21.082, 146.722

Background



This preview shows how black text looks on a background with the CIELCh color 34, 21.082, 146.722.



This preview shows how white text looks on a background with the CIELCh color 34, 21.082, 146.722.

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

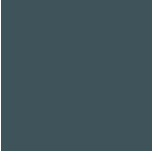
34, 21.082, 146.722

Protanopia

34, 13.966, 96.001

Deuteranopia

34, 11.649, 68.182



Tritanopia
34, 9.098, 227.491

Trichromacy



Original Color
34, 21.082, 146.722

Protanomaly
34, 15.305, 121.595

Deuteranomaly
34, 11.813, 110.364

Tritanomaly
34, 10.340, 180.206

Monochromacy



Original Color
34, 21.082, 146.722

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 7.483, 149.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 21.082, 146.722 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(56, 87, 61)` looks like.

```
.text, #text, p{  
    color:rgb(56, 87, 61)  
}
```

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(56, 87, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 87, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 21.082, 146.722 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(56, 87, 61) }
```

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

```
.border{ border-color:rgb(56, 87, 61) }
```

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

Here you see how a box with a 4 pixel rgb(56, 87, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 87, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 87, 61);  
box-shadow:4px 4px 4px 4px rgb(56, 87, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 21.082, 146.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 87, 61) }
```

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

```
.background{ background-color: rgb(56, 87,  
61) }
```

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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