

Converting Colors

CIELCh(30, 21.807, 153.395)

Have a look what the booklet for
CIELCh(30, 21.807, 153.395)
contains.

CIELCh(30, 21.544, 153.615)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(30, 21.544, 153.615)

Conversions

Conversions Part 1

Format	Color
Hex	294E37
RGB	41, 78, 55
RGB Percent	16%, 31%, 22%
CMY	0.8383, 0.6932, 0.7835
CMYK	0.47, 0.00, 0.29, 0.69
HSL	143°, 31%, 23%
HSV	143°, 47%, 31%
XYZ	4.3593, 6.2359, 4.6158
YIQ	64.3150, -14.6690, -14.9970

Conversions

Conversions Part 2

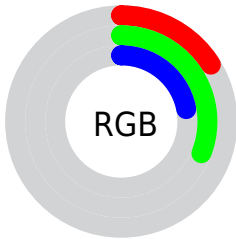
Format	Color
RYB	41, 68, 78
Decimal	2706999
CIELab	30.00, -19.30, 9.57
CIELCh	30, 21.544, 153.615
Yxy	6.2359, 0.2866, 0.4100
Android (android.graphics.Color)	4280897079 (0xFF294E37)
YUV	64.3150, -4.5923, -20.4473
Hunter-Lab	24.9718, -12.5403, 6.5211

Details

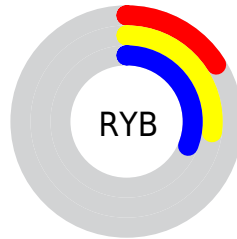
The CIELCh color **30, 21.544, 153.615** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **22, 22.024, 341.268**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 21.134, 153.668**, and **10, 20.098, 151.813** is the 20% darker color. If you saturate the color by 10%, you get **30, 25.759, 152.429**, and if you desaturate by 10%, it is **31, 17.134, 154.664**.

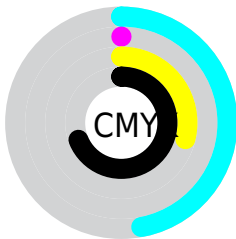
Distribution



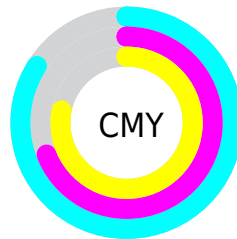
- Red (16%)
- Green (31%)
- Blue (22%)



- Red (16%)
- Yellow (27%)
- Blue (31%)



- Cyan (47%)
- Magenta (0%)
- Yellow (29%)
- Black (69%)





- Cyan (84%)
- Magenta (69%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 21.544, 153.615 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 30, 21.544, 153.615 by changing the saturation by 10% instead.


 30, 21.544,
153.615


 30, 21.544,
153.615

 100, 21.544,
153.615


 20, 21.544,
153.615


 50, 21.544,
153.615


 10, 21.544,
153.615

 60, 21.544,
153.615

 0, 21.544, 153.615

 70, 21.544,
153.615

 80, 21.544,
153.615

 90, 21.544,
153.615

■ 30, 21.544,
153.615

■ 30, 21.544,
153.615

■ 30, 25.759,
152.429

■ 31, 17.134,
154.664

■ 29, 29.708,
151.092

■ 31, 12.594,
155.594

■ 29, 33.331,
149.591

■ 32, 7.985, 156.425

■ 29, 36.578,
147.927

■ 33, 3.359, 157.191

■ 28, 39.607,
146.368

■ 34, 1.239, 337.645

■ 28, 40.413,
146.005

■ 34, 5.777, 338.358

■ 35, 10.231,
338.913

■ 36, 14.582,
339.413

■ 37, 18.821,

Harmonies

Complementary

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



30, 21.544, 153.615



22, 22.024, 341.268

Rectangle

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



30, 21.544, 153.615



30, 21.544, 203.615



30, 21.544, 333.615



30, 21.544, 23.615

Sweetspot

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



30, 21.545, 153.615



42, 8.041, 156.643



31, 23.719, 122.045



20, 5.483, 156.549



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



30, 21.545, 153.615



39, 31.817, 152.201



31, 14.700, 184.782



15, 2.521, 157.090



37, 49.479, 145.130



80, 92.865, 143.481

Inverse Universe

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



22, 22.024, 341.268



27, 32.440, 342.463



22, 18.399, 13.784



14, 2.538, 338.152



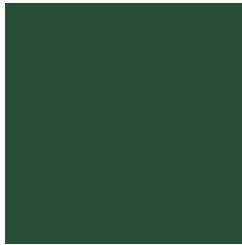
21, 45.532, 349.349



50, 81.323, 351.478

Previews

White Background



This preview shows how the CIELCh color 30, 21.544, 153.615 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 30, 21.544, 153.615 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 30, 21.544, 153.615

Background



This preview shows how black text looks on a background with the CIELCh color 30, 21.544, 153.615.



This preview shows how white text looks on a background with the CIELCh color 30, 21.544, 153.615.

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

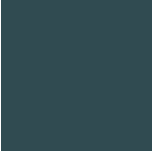
30, 21.544, 153.615

Protanopia

30, 11.815, 93.773

Deuteranopia

30, 9.298, 63.065



Tritanopia
30, 10.825, 218.970

Trichromacy



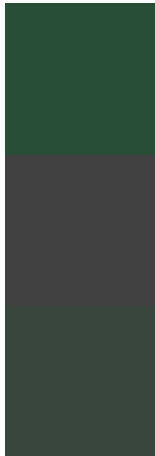
Original Color
30, 21.544, 153.615

Protanomaly
30, 13.528, 127.942

Deuteranomaly
30, 9.823, 122.033

Tritanomaly
30, 12.290, 185.454

Monochromacy



Original Color
30, 21.544, 153.615

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 8.550, 155.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 21.544, 153.615 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(41, 78, 55)` looks like.

```
.text, #text, p{  
    color:rgb(41, 78, 55)  
}
```

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(41, 78, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 78, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 21.544, 153.615 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(41, 78, 55) }
```

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

```
.border{ border-color:rgb(41, 78, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 78, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 78, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 78, 55);  
box-shadow:4px 4px 4px 4px rgb(41, 78, 55)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 21.544, 153.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 78, 55) }
```

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

```
.background{ background-color: rgb(41, 78,  
55) }
```

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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