

Converting Colors

CIELCh(30, 14.762, 232.951)

Have a look what the booklet for
CIELCh(30, 14.762, 232.951)
contains.

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Color

CIELCh(30, 14.887, 235.382)

Conversions

Conversions Part 1

Format	Color
Hex	274B59
RGB	39, 75, 89
RGB Percent	15%, 29%, 35%
CMY	0.8458, 0.7047, 0.6498
CMYK	0.56, 0.16, 0.00, 0.65
HSL	197°, 39%, 25%
HSV	197°, 56%, 35%
XYZ	5.2005, 6.2359, 10.4475
YIQ	65.8320, -25.9500, -3.2780

Conversions

Conversions Part 2

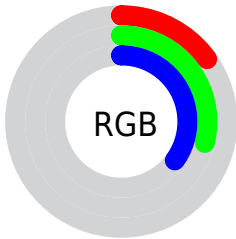
Format	Color
R _Y B	39, 60, 89
Decimal	2575193
CIE Lab	30.00, -8.46, -12.25
CIE LCh	30, 14.887, 235.382
Yxy	6.2359, 0.2376, 0.2850
Android (android.graphics.Color)	4280765273 (0xFF274B59)
YUV	65.8320, 11.4218, -23.5317
Hunter-Lab	24.9718, -6.5272, -7.3250

Details

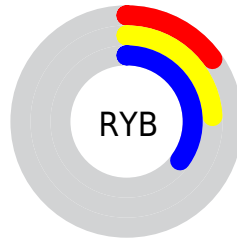
The CIELCh color **30, 14.887, 235.382** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26, 21.228, 47.146**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 14.975, 234.514**, and **10, 12.926, 241.276** is the 20% darker color. If you saturate the color by 10%, you get **29, 16.801, 237.570**, and if you desaturate by 10%, it is **31, 12.703, 233.617**.

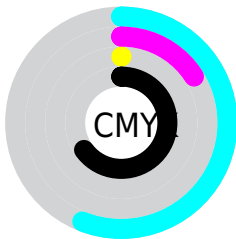
Distribution



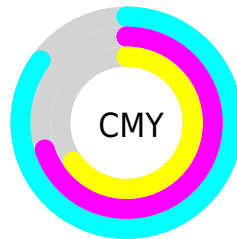
- Red (15%)
- Green (29%)
- Blue (35%)



- Red (15%)
- Yellow (24%)
- Blue (35%)



- Cyan (56%)
- Magenta (16%)
- Yellow (0%)
- Black (65%)





- Cyan (85%)
- Magenta (70%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 14.887, 235.382 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, 14.887, 235.382 by changing the saturation by 10% instead.


 30, 14.887,
235.382


 30, 14.887,
235.382

 100, 14.887,
235.382


 20, 14.887,
235.382


 50, 14.887,
235.382


 10, 14.887,
235.382

 60, 14.887,
235.382

 0, 14.887, 235.382

 70, 14.887,
235.382

 80, 14.887,
235.382

 90, 14.887,
235.382

■ 30, 14.887,
235.382

■ 30, 14.887,
235.382

■ 29, 16.801,
237.570

■ 31, 12.703,
233.617

■ 28, 18.437,
240.256

■ 33, 10.275,
232.208

■ 26, 19.805,
243.504

■ 34, 7.633, 231.092

■ 25, 21.025,
247.079

■ 36, 4.809, 230.221

■ 37, 1.837, 229.613

■ 25, 21.542,
248.414

■ 39, 1.254, 48.672

■ 40, 4.437, 48.401

■ 42, 7.691, 48.088

■ 43, 10.995, 47.836

Harmonies

Complementary

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



30, 14.887, 235.382



26, 21.228, 47.146

Rectangle

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



30, 14.887, 235.382



30, 14.887, 285.382



30, 14.887, 55.382



30, 14.887, 105.382

Sweetspot

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



30, 14.887, 235.381



46, 6.383, 230.344



34, 30.701, 148.122



23, 4.216, 230.433



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



30, 14.887, 235.381



38, 21.038, 238.389



22, 25.786, 287.293



18, 1.751, 229.749



31, 25.085, 249.774



66, 45.283, 253.198

Inverse Universe

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



24, 30.505, 337.421



30, 43.948, 338.607



33, 24.307, 91.956



17, 3.179, 334.006



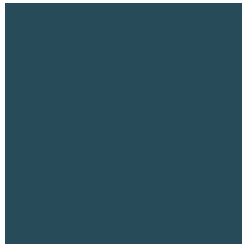
23, 50.652, 342.542



53, 88.249, 343.768

Previews

White Background



This preview shows how the CIE LCh color 30, 14.887, 235.382 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 30, 14.887, 235.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

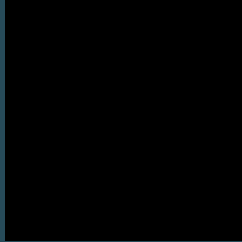
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 14.887, 235.382

Background



This preview shows how black text looks on a background with the CIELCh color 30, 14.887, 235.382.



This preview shows how white text looks on a background with the CIELCh color 30, 14.887, 235.382.

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, 14.887, 235.382

Protanopia

30, 9.658, 284.786

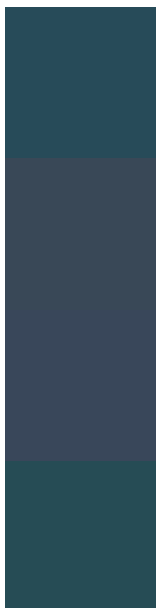
Deuteranopia

30, 14.111, 289.617



Tritanopia
30, 14.285, 216.028

Trichromacy



Original Color
30, 14.887, 235.382

Protanomaly
30, 10.990, 260.467

Deuteranomaly
30, 13.066, 268.729

Tritanomaly
30, 14.265, 221.730

Monochromacy



Original Color
30, 14.887, 235.382

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 6.153, 230.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 14.887, 235.382 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(39, 75, 89)` looks like.

```
.text, #text, p{  
    color:rgb(39, 75, 89)  
}
```

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(39, 75, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 75, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 14.887, 235.382 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(39, 75, 89) }
```

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

```
.border{ border-color:rgb(39, 75, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 75, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 75, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 75, 89);  
box-shadow:4px 4px 4px 4px rgb(39, 75, 89)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 14.887, 235.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 75, 89) }
```

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

```
.background{ background-color: rgb(39, 75,  
89) }
```

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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