

Converting Colors

CIELCh(30, 18.256, 209.129)

Have a look what the booklet for
CIELCh(30, 18.256, 209.129)
contains.

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Color

CIELCh(30, 18.236, 209.261)

Conversions

Conversions Part 1

Format	Color
Hex	144E54
RGB	20, 78, 84
RGB Percent	8%, 31%, 33%
CMY	0.9216, 0.6942, 0.6706
CMYK	0.76, 0.07, 0.00, 0.67
HSL	186°, 62%, 20%
HSV	186°, 76%, 33%
XYZ	4.6117, 6.2359, 9.3461
YIQ	61.3420, -36.4940, -10.4300

Conversions

Conversions Part 2

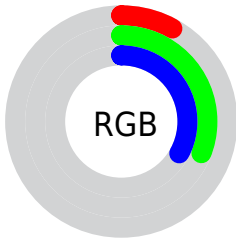
Format	Color
R_{YB}	20, 50, 84
Decimal	1330772
CIE _{Lab}	30.00, -15.91, -8.91
CIE _{LCh}	30, 18.236, 209.261
Yxy	6.2359, 0.2284, 0.3088
Android (android.graphics.Color)	4279520852 (0xFF144E54)
YUV	61.3420, 11.1704, -36.2569
Hunter-Lab	24.9718, -10.7356, -4.7099

Details

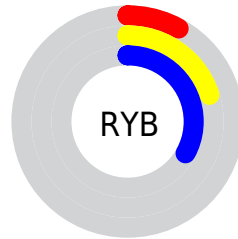
The CIELCh color **30, 18.236, 209.261** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **19, 32.381, 34.851**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 18.212, 208.859**, and **11, 12.005, 218.652** is the 20% darker color. If you saturate the color by 10%, you get **30, 19.171, 210.133**, and if you desaturate by 10%, it is **31, 16.906, 208.609**.

Distribution



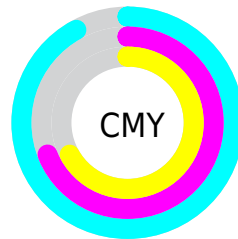
- Red (8%)
- Green (31%)
- Blue (33%)



- Red (8%)
- Yellow (20%)
- Blue (33%)



- Cyan (76%)
- Magenta (7%)
- Yellow (0%)
- Black (67%)





- Cyan (92%)
- Magenta (69%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 18.236, 209.261 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, 18.236, 209.261 by changing the saturation by 10% instead.


 30, 18.236,
209.261


 30, 18.236,
209.261

 100, 18.236,
209.261


 20, 18.236,
209.261


 50, 18.236,
209.261


 10, 18.236,
209.261

 60, 18.236,
209.261

 0, 18.236, 209.261

 70, 18.236,
209.261

 80, 18.236,
209.261

 90, 18.236,
209.261

■ 30, 18.236,
209.261

■ 30, 18.236,
209.261

■ 30, 19.171,
210.133

■ 31, 16.906,
208.609

■ 29, 19.858,
211.139

■ 31, 15.190,
208.152

■ 29, 20.125,
211.500

■ 32, 13.114,
207.863

■ 33, 10.715,
207.716

■ 33, 8.034, 207.691

■ 34, 5.117, 207.774

■ 35, 2.007, 208.005

■ 36, 1.255, 27.823

■ 37, 4.634, 28.248

Harmonies

Complementary

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



30, 18.236, 209.261



19, 32.381, 34.851

Rectangle

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



30, 18.236, 209.261



30, 18.236, 259.261



30, 18.236, 29.261



30, 18.236, 79.261

Sweetspot

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



30, 18.236, 209.260



44, 8.856, 207.701



31, 43.258, 140.046



22, 6.133, 207.691



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



30, 18.236, 209.260



38, 23.657, 211.003



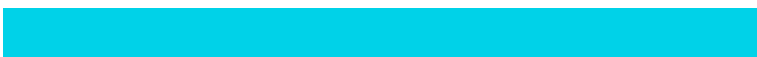
19, 26.057, 279.614



16, 1.756, 207.922



36, 23.385, 211.990



77, 41.720, 213.213

Inverse Universe

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



20, 41.809, 330.991



25, 55.978, 331.765



26, 28.172, 74.207



15, 3.282, 327.509



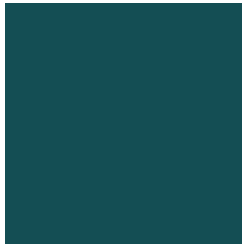
23, 55.963, 332.121



54, 99.874, 332.421

Previews

White Background



This preview shows how the CIELCh color 30, 18.236, 209.261 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, 18.236, 209.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

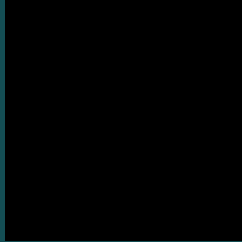
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 18.236, 209.261

Background



This preview shows how black text looks on a background with the CIELCh color 30, 18.236, 209.261.



This preview shows how white text looks on a background with the CIELCh color 30, 18.236, 209.261.

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, 18.236, 209.261

Protanopia

30, 5.777, 287.102

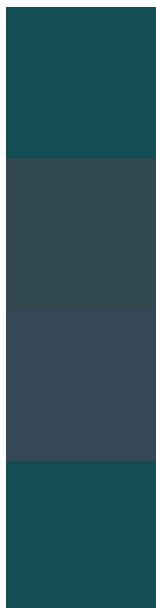
Deuteranopia

30, 10.922, 294.299



Tritanopia
30, 18.236, 209.261

Trichromacy



Original Color
30, 18.236, 209.261

Protanomaly
30, 9.741, 230.373

Deuteranomaly
29, 11.015, 248.312

Tritanomaly
30, 18.236, 209.261

Monochromacy



Original Color
30, 18.236, 209.261

Achromatopsia
26, 0.004, 296.813

Achromatomaly
27, 8.551, 206.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 18.236, 209.261 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(20, 78, 84)` looks like.

```
.text, #text, p{  
    color:rgb(20, 78, 84)  
}
```

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(20, 78, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 78, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 18.236, 209.261 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(20, 78, 84) }
```

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

```
.border{ border-color:rgb(20, 78, 84) }
```

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

Here you see how a box with a 4 pixel rgb(20, 78, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 78, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 78, 84);  
box-shadow:4px 4px 4px 4px rgb(20, 78, 84)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 18.236, 209.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 78, 84) }
```

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

```
.background{ background-color: rgb(20, 78,  
84) }
```

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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