

Converting Colors

CIELCh(18, 26.620, 90.495)

Have a look what the booklet for
CIELCh(18, 26.620, 90.495) contains.

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Color

CIELCh(18, 25.851, 90.109)

Conversions

Conversions Part 1

Format	Color
Hex	362B00
RGB	54, 43, 0
RGB Percent	21%, 17%, 0%
CMY	0.7880, 0.8311, 0.9997
CMYK	0.00, 0.20, 1.00, 0.79
HSL	48°, 100%, 11%
HSV	48°, 100%, 21%
XYZ	2.3909, 2.5180, 0.3624
YIQ	41.3870, 20.3590, -11.0410

Conversions

Conversions Part 2

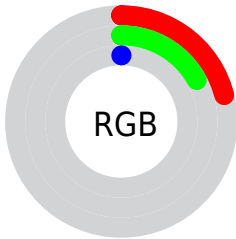
Format	Color
RYB	14, 54, 0
Decimal	3549952
CIELab	18.00, -0.05, 25.85
CIELCh	18, 25.851, 90.109
Yxy	2.5180, 0.4536, 0.4777
Android (android.graphics.Color)	4281740032 (0xFF362B00)
YUV	41.3870, -20.4038, 11.0616
Hunter-Lab	15.8683, -0.8746, 9.7538

Details

The CIELCh color **18, 25.851, 90.109** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **5, 31.041, 293.769**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 25.862, 89.520**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **18, 25.878, 90.099**, and if you desaturate by 10%, it is **18, 24.144, 90.983**.

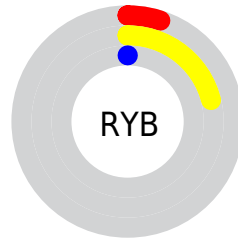
Distribution



Red (21%)

Green (17%)

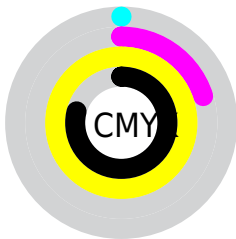
Blue (0%)



Red (5%)

Yellow (21%)

Blue (0%)

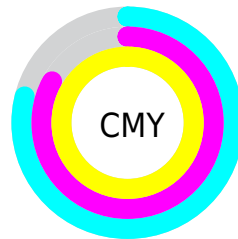


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (79%)



Cyan (79%)

Magenta (83%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 25.851, 90.109 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 18, 25.851, 90.109 by changing the saturation by 10% instead.

 18, 25.851, 90.109

 18, 25.851, 90.109

 100, 25.851,
90.109

 8, 25.851, 90.109

 38, 25.851, 90.109

 0, 25.851, 90.109

 48, 25.851, 90.109

 58, 25.851, 90.109

 68, 25.851, 90.109

 78, 25.851, 90.109

 88, 25.851, 90.109

 98, 25.851, 90.109

■ 18, 25.851, 90.109

■ 18, 25.851, 90.109

■ 18, 25.878, 90.099

■ 18, 24.144, 90.983

■ 19, 22.430, 91.995

■ 19, 20.261, 93.041

■ 20, 17.523, 94.105

■ 20, 14.652, 95.160

■ 21, 11.723, 96.203

■ 21, 8.770, 97.230

■ 22, 5.816, 98.236

■ 22, 2.874, 99.210

Harmonies

Complementary

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



18, 25.851, 90.109



5, 31.041, 293.769

Rectangle

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



18, 25.851, 90.109



18, 25.851, 140.109



18, 25.851, 270.109



18, 25.851, 320.109

Sweetspot

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



18, 25.851, 90.112



28, 11.131, 97.053



7, 28.063, 13.920



13, 7.443, 96.954



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

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



18, 25.851, 90.112



25, 33.601, 89.297



20, 31.975, 118.306



10, 1.667, 99.346



32, 40.692, 88.720



73, 76.050, 87.343

Inverse Universe

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



5, 31.041, 293.769



7, 41.957, 298.988



3, 36.970, 304.875



9, 1.683, 281.036



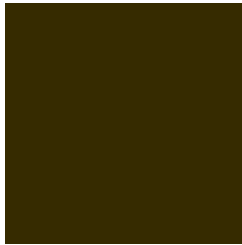
11, 51.824, 300.322



32, 105.018, 302.606

Previews

White Background



This preview shows how the CIE LCh color 18, 25.851, 90.109 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 18, 25.851, 90.109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

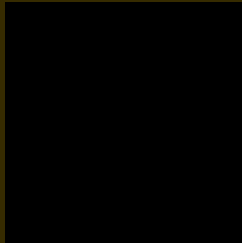
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 25.851, 90.109

Background



This preview shows how black text looks on a background with the CIELCh color 18, 25.851, 90.109.

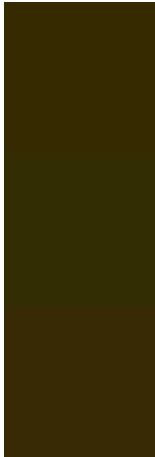


This preview shows how white text looks on a background with the CIELCh color 18, 25.851, 90.109.

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

18, 25.851, 90.109

Protanopia

18, 25.411, 97.845

Deuteranopia

18, 24.330, 85.265



Tritanopia
18, 8.113, 6.758

Trichromacy



Original Color
18, 25.851, 90.109

Protanomaly
18, 25.437, 95.243

Deuteranomaly
18, 24.495, 86.755

Tritanomaly
18, 12.422, 70.017

Monochromacy



Original Color
18, 25.851, 90.109

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 11.202, 96.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 25.851, 90.109 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(54, 43, 0)` looks like.

```
.text, #text, p{  
    color:rgb(54, 43, 0)  
}
```

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(54, 43, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 43, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 25.851, 90.109 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(54, 43, 0) }
```

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

```
.border{ border-color:rgb(54, 43, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 43, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 43, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(54, 43, 0); box-shadow:4px  
4px 4px 4px rgb(54, 43, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 18, 25.851, 90.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 43, 0) }
```

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

```
.background{ background-color: rgb(54, 43,  
0) }
```

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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