

Converting Colors

CIELCh(20, 26.366, 60.932)

Have a look what the booklet for
CIELCh(20, 26.366, 60.932) contains.

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Color

CIELCh(20, 26.290, 60.552)

Conversions

Conversions Part 1

Format	Color
Hex	49280E
RGB	73, 40, 14
RGB Percent	29%, 16%, 5%
CMY	0.7128, 0.8423, 0.9442
CMYK	0.00, 0.45, 0.81, 0.71
HSL	26°, 67%, 17%
HSV	26°, 81%, 29%
XYZ	3.6117, 2.9891, 0.8103
YIQ	46.9030, 28.0140, -1.0900

Conversions

Conversions Part 2

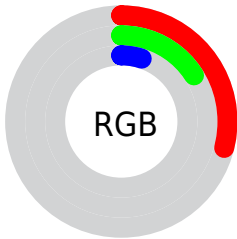
Format	Color
RYB	73, 60, 14
Decimal	4794382
CIELab	20.00, 12.93, 22.89
CIElCh	20, 26.290, 60.552
Yxy	2.9891, 0.4873, 0.4033
Android (android.graphics.Color)	4282984462 (0xFF49280E)
YUV	46.9030, -16.2212, 22.8871
Hunter-Lab	17.2889, 7.0337, 9.3236

Details

The CIELCh color **20, 26.290, 60.552** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **19, 19.621, 265.268**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **40, 26.472, 60.040**, and **2, 8.895, 16.806** is the 20% darker color. If you saturate the color by 10%, you get **19, 29.040, 58.478**, and if you desaturate by 10%, it is **21, 22.723, 61.718**.

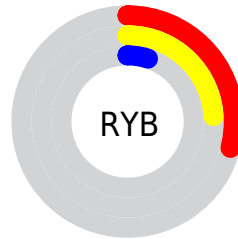
Distribution



Red (29%)

Green (16%)

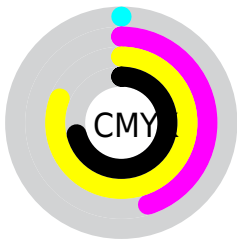
Blue (5%)



Red (29%)

Yellow (24%)

Blue (5%)

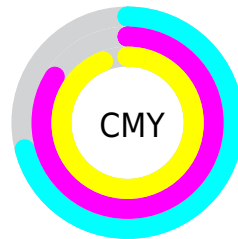


Cyan (0%)

Magenta (45%)

Yellow (81%)

Black (71%)



Cyan (71%)

Magenta (84%)

Yellow (94%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 20, 26.290, 60.552 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 20, 26.290, 60.552 by changing the saturation by 10% instead.

 20, 26.290, 60.552

 20, 26.290, 60.552

 100, 26.290,
60.552

 10, 26.290, 60.552

 0, 26.290, 60.552

 40, 26.290, 60.552

 50, 26.290, 60.552

 60, 26.290, 60.552

 70, 26.290, 60.552

 80, 26.290, 60.552

 90, 26.290, 60.552

 20, 26.290, 60.552

 20, 26.290, 60.552

■ 19, 29.040, 58.478

■ 21, 22.723, 61.718

■ 18, 31.490, 56.721

■ 23, 19.071, 62.686

■ 24, 15.531, 63.646

■ 25, 12.141, 64.616

■ 27, 8.912, 65.598

■ 28, 5.844, 66.586

■ 30, 2.927, 67.555

■ 31, 0.151, 67.284

■ 33, 2.498, 249.695

Harmonies

Complementary

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



20, 26.290, 60.552



19, 19.621, 265.268

Rectangle

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



20, 26.290, 60.552



20, 26.290, 110.552



20, 26.290, 240.552



20, 26.290, 290.552

Sweetspot

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



20, 26.289, 60.555



36, 8.506, 66.159



15, 31.473, 348.608



17, 5.922, 65.971



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



20, 26.289, 60.555



24, 39.182, 57.881



29, 32.348, 100.224



13, 1.503, 67.740



25, 42.237, 57.503



57, 80.546, 55.400

Inverse Universe

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



19, 19.621, 265.268



22, 28.370, 272.933



9, 40.096, 300.213



13, 1.467, 249.675



23, 30.454, 274.380



53, 59.267, 278.243

Previews

White Background



This preview shows how the CIE LCh color 20, 26.290, 60.552 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 20, 26.290, 60.552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

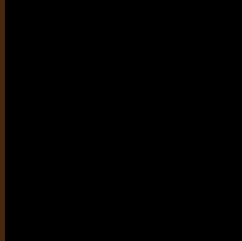
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 20, 26.290, 60.552

Background



This preview shows how black text looks on a background with the CIELCh color 20, 26.290, 60.552.

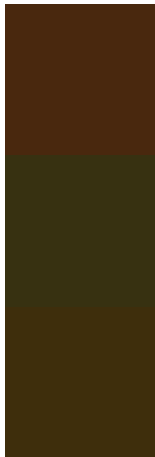


This preview shows how white text looks on a background with the CIELCh color 20, 26.290, 60.552.

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

20, 26.290, 60.552

Protanopia

20, 21.105, 96.110

Deuteranopia

20, 23.807, 82.525



Tritanopia
20, 18.260, 19.820

Trichromacy



Original Color
20, 26.290, 60.552

Protanomaly
20, 21.896, 81.114

Deuteranomaly
20, 24.136, 74.075

Tritanomaly
20, 19.838, 38.798

Monochromacy



Original Color
20, 26.290, 60.552

Achromatopsia
19, 0.004, 296.813

Achromatomaly
20, 9.315, 66.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 26.290, 60.552 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(73, 40, 14)` looks like.

```
.text, #text, p{  
    color:rgb(73, 40, 14)  
}
```

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(73, 40, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 40, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 26.290, 60.552 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(73, 40, 14) }
```

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

```
.border{ border-color:rgb(73, 40, 14) }
```

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

Here you see how a box with a 4 pixel rgb(73, 40, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 40, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 40, 14);  
box-shadow:4px 4px 4px 4px rgb(73, 40, 14)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 20, 26.290, 60.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 40, 14) }
```

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

```
.background{ background-color: rgb(73, 40,  
14) }
```

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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