

Converting Colors

CIELCh(20, 26.569, 125.823)

Have a look what the booklet for
CIELCh(20, 26.569, 125.823)
contains.

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Color

CIELCh(20, 26.584, 125.961)

Conversions

Conversions Part 1

Format	Color
Hex	23360F
RGB	35, 54, 15
RGB Percent	14%, 21%, 6%
CMY	0.8642, 0.7897, 0.9426
CMYK	0.35, 0.00, 0.73, 0.79
HSL	89°, 57%, 13%
HSV	89°, 73%, 21%
XYZ	2.0669, 2.9891, 0.9064
YIQ	43.8730, 1.1950, -16.1570

Conversions

Conversions Part 2

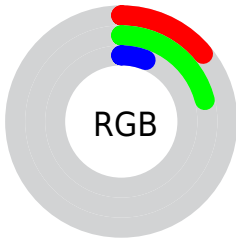
Format	Color
RYB	15, 54, 34
Decimal	2307599
CIELab	20.00, -15.61, 21.52
CIELCh	20, 26.584, 125.961
Yxy	2.9891, 0.3467, 0.5013
Android (android.graphics.Color)	4280497679 (0xFF23360F)
YUV	43.8730, -14.2344, -7.7816
Hunter-Lab	17.2889, -8.9155, 8.9937

Details

The CIELCh color **20, 26.584, 125.961** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **8, 29.289, 311.775**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **40, 26.529, 126.385**, and **0, 0.492, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **20, 29.315, 126.207**, and if you desaturate by 10%, it is **20, 23.315, 126.185**.

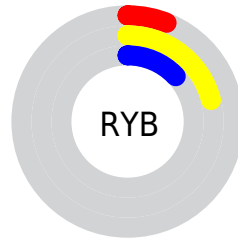
Distribution



Red (14%)

Green (21%)

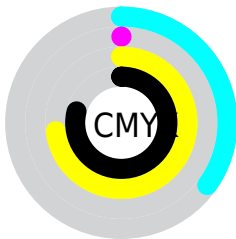
Blue (6%)



Red (6%)

Yellow (21%)

Blue (13%)

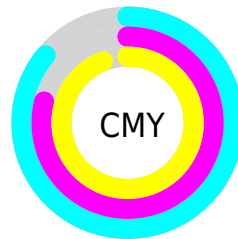


Cyan (35%)

Magenta (0%)

Yellow (73%)

Black (79%)



Cyan (86%)


Magenta (79%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 20, 26.584, 125.961 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, 26.584, 125.961 by changing the saturation by 10% instead.

 20, 26.584,
125.961


 20, 26.584,
125.961


 100, 26.584,
125.961


 10, 26.584,
125.961


 40, 26.584,
125.961

 0, 26.584, 125.961

 50, 26.584,
125.961

 60, 26.584,
125.961

 70, 26.584,
125.961

 80, 26.584,
125.961

 90, 26.584,

125.961

■ 20, 26.584,
125.961

■ 20, 26.584,
125.961

■ 20, 29.315,
126.207

■ 20, 23.315,
126.185

■ 20, 31.819,
126.577

■ 21, 19.814,
126.524

■ 19, 33.649,
126.794

■ 21, 16.167,
126.914

■ 21, 12.430,
127.326

■ 22, 8.643, 127.739

■ 22, 4.835, 128.144

■ 22, 1.027, 128.560

■ 23, 2.765, 308.857

■ 23, 6.529, 309.200

Harmonies

Complementary

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



20, 26.584, 125.961



8, 29.289, 311.775

Rectangle

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



20, 26.584, 125.961



20, 26.584, 175.961



20, 26.584, 305.961



20, 26.584, 355.961

Sweetspot

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



20, 26.584, 125.962



28, 10.320, 127.725



15, 17.615, 65.498



13, 7.004, 127.705



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

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



20, 26.584, 125.962



26, 37.345, 125.942



19, 30.502, 138.832



10, 2.185, 128.315



34, 50.953, 126.461



79, 97.112, 127.795

Inverse Universe

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



8, 29.289, 311.775



9, 42.164, 312.234



12, 30.224, 326.976



9, 2.210, 308.920



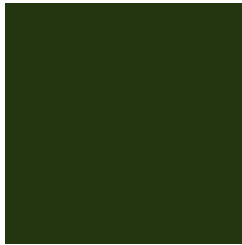
11, 58.885, 312.392



34, 111.799, 311.480

Previews

White Background



This preview shows how the CIELCh color 20, 26.584, 125.961 looks on a white background.

Color Contrast Check

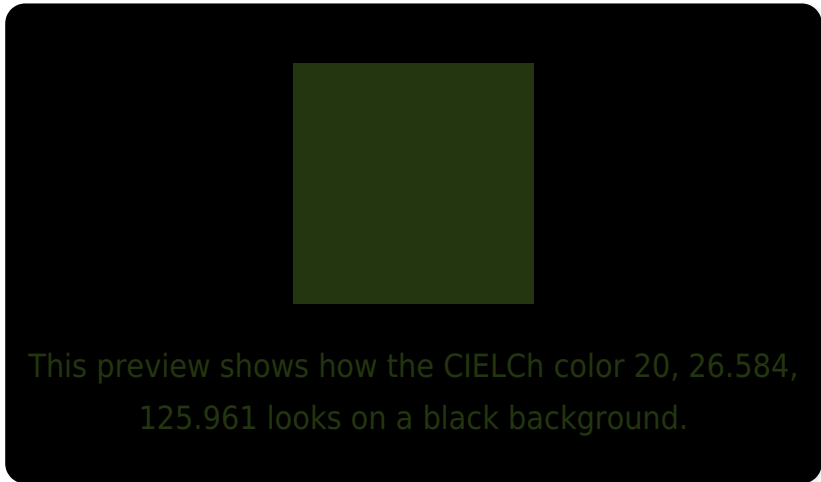
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

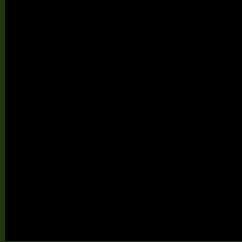
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

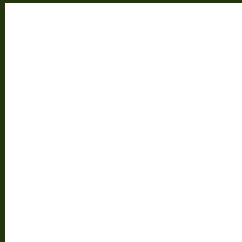
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 20, 26.584, 125.961

Background



This preview shows how black text looks on a background with the CIELCh color 20, 26.584, 125.961.



This preview shows how white text looks on a background with the CIELCh color 20, 26.584, 125.961.

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

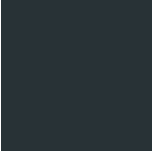
20, 26.584, 125.961

Protanopia

20, 22.657, 96.243

Deuteranopia

20, 20.296, 82.961



Tritanopia
20, 5.034, 231.620

Trichromacy



Original Color
20, 26.584, 125.961

Protanomaly
20, 23.008, 108.740

Deuteranomaly
20, 20.839, 102.090

Tritanomaly
20, 9.722, 147.502

Monochromacy



Original Color
20, 26.584, 125.961

Achromatopsia
18, 0.003, 296.813

Achromatomaly
19, 10.766, 126.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 20, 26.584, 125.961 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(35, 54, 15)` looks like.

```
.text, #text, p{  
    color:rgb(35, 54, 15)  
}
```

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(35, 54, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 54, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 20, 26.584, 125.961 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(35, 54, 15) }
```

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

```
.border{ border-color:rgb(35, 54, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 54, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 54, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 54, 15);  
box-shadow:4px 4px 4px 4px rgb(35, 54, 15)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 20, 26.584, 125.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 54, 15) }
```

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

```
.background{ background-color: rgb(35, 54,  
15) }
```

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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