

Converting Colors

CIELCh(32, 25.933, 161.927)

Have a look what the booklet for
CIELCh(32, 25.933, 161.927)
contains.

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Color

CIELCh(32, 26.060, 162.037)

Conversions

Conversions Part 1

Format	Color
Hex	1C553E
RGB	28, 85, 62
RGB Percent	11%, 33%, 24%
CMY	0.8904, 0.6668, 0.7570
CMYK	0.67, 0.00, 0.27, 0.67
HSL	156°, 50%, 22%
HSV	156°, 67%, 33%
XYZ	4.5921, 7.0852, 5.6782
YIQ	65.3350, -26.5890, -19.2370

Conversions

Conversions Part 2

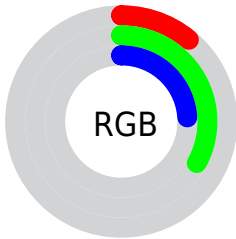
Format	Color
RYB	28, 64, 85
Decimal	1856830
CIELab	32.00, -24.79, 8.04
CIELCh	32, 26.060, 162.037
Yxy	7.0852, 0.2646, 0.4082
Android (android.graphics.Color)	4280046910 (0xFF1C553E)
YUV	65.3350, -1.6442, -32.7428
Hunter-Lab	26.6180, -15.7871, 5.9847

Details

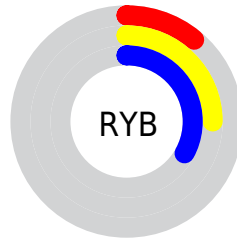
The CIELCh color **32, 26.060, 162.037** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **20, 28.941, 357.634**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 25.741, 162.580**, and **13, 21.384, 155.743** is the 20% darker color. If you saturate the color by 10%, you get **32, 29.025, 160.476**, and if you desaturate by 10%, it is **32, 22.757, 163.436**.

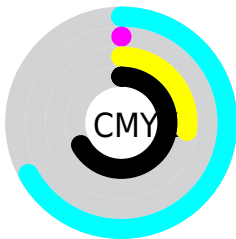
Distribution



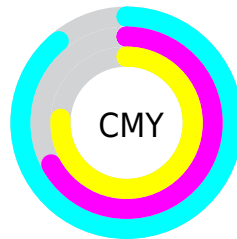
- Red (11%)
- Green (33%)
- Blue (24%)



- Red (11%)
- Yellow (25%)
- Blue (33%)



- Cyan (67%)
- Magenta (0%)
- Yellow (27%)
- Black (67%)





- Cyan (89%)
- Magenta (67%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 26.060, 162.037 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 32, 26.060, 162.037 by changing the saturation by 10% instead.


 32, 26.060,
162.037


 32, 26.060,
162.037

 100, 26.060,
162.037


 22, 26.060,
162.037

 52, 26.060,
162.037


 12, 26.060,
162.037


 62, 26.060,
162.037

 2, 26.060, 162.037

 72, 26.060,
162.037

 0, 26.060, 162.037

 82, 26.060,
162.037

 92, 26.060,
162.037

■ 32, 26.060,
162.037

■ 32, 26.060,
162.037

■ 32, 29.025,
160.476

■ 32, 22.757,
163.436

■ 31, 31.621,
158.741

■ 33, 19.161,
164.692

■ 31, 34.009,
157.011

■ 33, 15.327,
165.826

■ 31, 34.709,
156.557

■ 34, 11.317,
166.856

■ 35, 7.187, 167.804

■ 36, 2.990, 168.711

■ 36, 1.230, 349.234

■ 37, 5.437, 350.126

■ 38, 9.602, 350.841

Harmonies

Complementary

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



32, 26.060, 162.037



20, 28.941, 357.634

Rectangle

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



32, 26.060, 162.037



32, 26.060, 212.037



32, 26.060, 342.037



32, 26.060, 32.037

Sweetspot

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



32, 26.060, 162.036



44, 10.361, 167.474



32, 37.041, 129.198



22, 7.117, 167.313



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



32, 26.060, 162.036



41, 36.773, 159.356



31, 17.348, 207.233



17, 2.398, 168.553



39, 41.339, 155.814



82, 75.732, 154.180

Inverse Universe

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



20, 28.941, 357.634



24, 40.732, 1.826



20, 28.366, 32.560



16, 2.438, 349.865



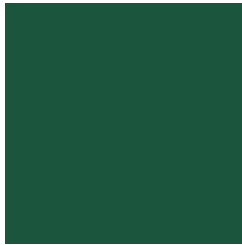
21, 44.616, 8.512



50, 79.707, 12.216

Previews

White Background



This preview shows how the CIELCh color 32, 26.060, 162.037 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 32, 26.060, 162.037 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 32, 26.060, 162.037

Background



This preview shows how black text looks on a background with the CIELCh color 32, 26.060, 162.037.



This preview shows how white text looks on a background with the CIELCh color 32, 26.060, 162.037.

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

32, 26.060, 162.037

Protanopia

32, 11.570, 96.260

Deuteranopia

32, 7.912, 53.962



Tritanopia
32, 15.551, 211.690

Trichromacy



Original Color
32, 26.060, 162.037

Protanomaly
32, 15.009, 140.408

Deuteranomaly
31, 9.852, 141.524

Tritanomaly
32, 17.780, 188.650

Monochromacy



Original Color
32, 26.060, 162.037

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 10.087, 167.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 26.060, 162.037 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(28, 85, 62)` looks like.

```
.text, #text, p{  
    color:rgb(28, 85, 62)  
}
```

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(28, 85, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 85, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 26.060, 162.037 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(28, 85, 62) }
```

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

```
.border{ border-color:rgb(28, 85, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 85, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 85, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 85, 62);  
box-shadow:4px 4px 4px 4px rgb(28, 85, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 26.060, 162.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 85, 62) }
```

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

```
.background{ background-color: rgb(28, 85,  
62) }
```

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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