

Converting Colors

CIELCh(64, 28.820, 127.835)

Have a look what the booklet for
CIELCh(64, 28.820, 127.835)
contains.

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Color

CIELCh(64, 28.790, 128.060)

Conversions

Conversions Part 1

Format	Color
Hex	8AA372
RGB	138, 163, 114
RGB Percent	54%, 64%, 45%
CMY	0.4589, 0.3609, 0.5530
CMYK	0.15, 0.00, 0.30, 0.36
HSL	91°, 21%, 54%
HSV	91°, 30%, 64%
XYZ	26.6064, 32.8017, 20.8419
YIQ	149.9390, 0.8290, -20.5390

Conversions

Conversions Part 2

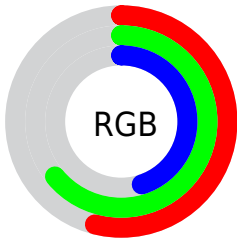
Format	Color
RYB	114, 163, 139
Decimal	9085810
CIELab	64.00, -17.75, 22.67
CIElCh	64, 28.790, 128.060
Yxy	32.8017, 0.3315, 0.4087
Android (android.graphics.Color)	4287275890 (0xFF8AA372)
YUV	149.9390, -17.7179, -10.4705
Hunter-Lab	57.2727, -17.3040, 18.5149

Details

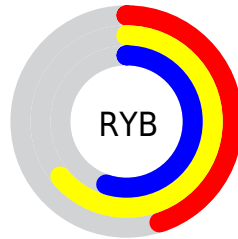
The CIELCh color **64, 28.790, 128.060** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **52, 29.973, 310.841**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 28.911, 127.972**, and **44, 28.912, 128.000** is the 20% darker color. If you saturate the color by 10%, you get **63, 38.164, 127.589**, and if you desaturate by 10%, it is **65, 19.251, 128.539**.

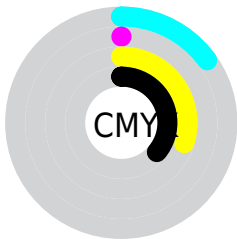
Distribution



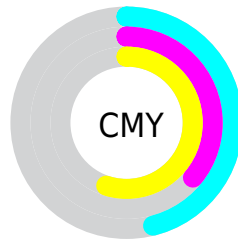
- Red (54%)
- Green (64%)
- Blue (45%)



- Red (45%)
- Yellow (64%)
- Blue (55%)



- Cyan (15%)
- Magenta (0%)
- Yellow (30%)
- Black (36%)



- Cyan (46%)
- Magenta (36%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 28.790, 128.060 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 64, 28.790, 128.060 by changing the saturation by 10% instead.

 64, 28.790,
128.060

 64, 28.790,
128.060

 100, 28.790,
128.060


 54, 28.790,
128.060


 84, 28.790,
128.060

 44, 28.790,
128.060

 94, 28.790,
128.060

 34, 28.790,
128.060

 24, 28.790,
128.060

 14, 28.790,
128.060

 4, 28.790, 128.060

 0, 28.790, 128.060

■ 64, 28.790,
128.060

■ 64, 28.790,
128.060

■ 63, 38.164,
127.589

■ 65, 19.251,
128.539

■ 62, 47.219,
127.157

■ 66, 9.647, 129.003

■ 67, 0.055, 131.330

■ 62, 55.741,
126.820

■ 68, 9.474, 309.809

■ 61, 63.428,
126.663

■ 69, 18.903,
310.175

■ 61, 69.900,
126.798

■ 71, 28.203,
310.503

■ 60, 74.770,
127.347

■ 72, 37.358,
310.796

■ 60, 78.182,
128.224

■ 73, 46.355,
311.057

■ 75, 52.369,
312.228

Harmonies

Complementary

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



64, 28.790, 128.060



52, 29.973, 310.841

Rectangle

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



64, 28.790, 128.060



64, 28.790, 178.060



64, 28.790, 308.060



64, 28.790, 358.060

Sweetspot

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



64, 28.792, 128.062



84, 10.668, 129.044



59, 17.434, 71.751



44, 7.475, 128.980



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 28.792, 128.062



80, 42.516, 127.747



62, 33.373, 142.388



34, 5.426, 129.039



54, 71.776, 128.066



4, 8.545, 131.013

Inverse Universe

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



52, 29.973, 310.841



63, 44.696, 311.186



55, 33.369, 326.038



32, 5.497, 309.816



22, 81.742, 312.349



1, 8.371, 307.735

Previews

White Background



This preview shows how the CIELCh color 64, 28.790, 128.060 looks on a white 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

Black Background



This preview shows how the CIELCh color 64, 28.790, 128.060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

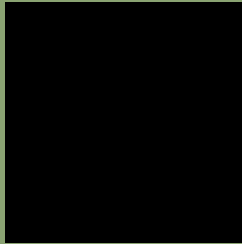
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 28.790, 128.060

Background



This preview shows how black text looks on a background with the CIELCh color 64, 28.790, 128.060.



This preview shows how white text looks on a background with the CIELCh color 64, 28.790, 128.060.

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
64, 28.790, 128.060

Protanopia
64, 25.352, 95.787

Deuteranopia
64, 22.770, 68.618



Tritanopia
64, 7.548, 261.979

Trichromacy



Original Color
64, 28.790, 128.060

Protanomaly
64, 25.827, 109.231

Deuteranomaly
63, 21.242, 92.918

Tritanomaly
64, 8.723, 154.126

Monochromacy



Original Color
64, 28.790, 128.060

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 10.661, 128.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 28.790, 128.060 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(138, 163, 114)` looks like.

```
.text, #text, p{  
    color:rgb(138, 163, 114)  
}
```

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(138, 163, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 163, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 28.790, 128.060 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(138, 163, 114) }
```

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

```
.border{ border-color:rgb(138, 163, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 163, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 163, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 163, 114);  
box-shadow:4px 4px 4px 4px rgb(138, 163,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 28.790, 128.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 163, 114) }
```

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

```
.background{ background-color: rgb(138,  
163, 114) }
```

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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