

Converting Colors

YUV(164.8010, 34.6081,
-134.0065)

Have a look what the booklet for
YUV(164.8010, 34.6081, -134.0065)
contains.

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Color

**YUV(164.8010, 34.6081,
-134.0065)**

Conversions

Conversions Part 1

Format	Color
Hex	0CE5EB
RGB	12, 229, 235
RGB Percent	5%, 90%, 92%
CMY	0.9529, 0.1020, 0.0784
CMYK	0.95, 0.03, 0.00, 0.08
HSL	182°, 90%, 48%
HSV	182°, 95%, 92%
XYZ	43.1663, 62.1149, 88.3115
YIQ	164.8010, -131.2580, -44.1380

Conversions

Conversions Part 2

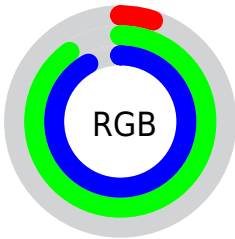
Format	Color
RYB	12, 122, 235
Decimal	845291
CIELab	82.97, -42.28, -15.87
CIELCh	83, 45.163, 200.573
Yxy	62.1149, 0.2230, 0.3209
Android (android.graphics.Color)	4279035371 (0xFF0CE5EB)
YUV	164.8010, 34.6081, -134.0065
Hunter-Lab	78.8130, -40.1574, -11.2665

Details

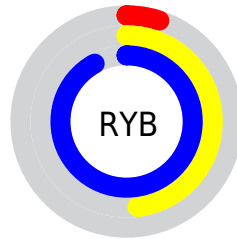
The YUV color **164.8010, 34.6081, -134.0065** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **82.1990, -34.6081, 134.0065**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4390, 20.4896, -85.4540**, and **121.9570, 28.1222, -106.9563** is the 20% darker color. If you saturate the color by 10%, you get **161.2130, 36.3770, -141.3838**, and if you desaturate by 10%, it is **172.2650, 30.9284, -120.3814**.

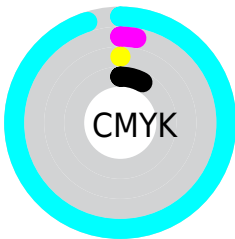
Distribution



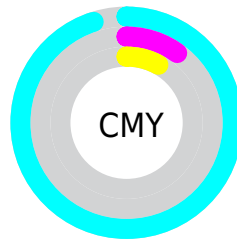
- Red (5%)
- Green (90%)
- Blue (92%)



- Red (5%)
- Yellow (48%)
- Blue (92%)



- Cyan (95%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (95%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.8010, 34.6081, -134.0065 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 YUV color 164.8010, 34.6081, -134.0065 by changing the saturation by 10% instead.

164.8010, 34.6081,
-134.0065

164.8010, 34.6081,
-134.0065

255.0000, 0.0000,
0.0000

141.5850, 32.2496,
-124.1700

213.4390, 20.4896,
-85.4540

121.9570, 28.1222,
-106.9563

223.9040, 15.3303,
-63.9368

103.1440, 24.5790,
-90.4573

233.7710, 10.4659,
-43.6492

84.3310, 21.0358,
-73.9583

243.3390, 5.7489,
-23.9763

66.8060, 17.3506,
-58.5889

252.9070, 1.0318,
-4.3034

49.3950, 14.1023,
-43.3194

33.2720, 10.7119,

-29.1795

■ 15.6160, 9.0633,
-13.6952

■ 1.0260, 3.9312,
-0.8998

■ 164.8010, 34.6081,
-134.0065

■ 164.8010, 34.6081,
-134.0065

■ 161.2130, 36.3770,
-141.3838

■ 172.2650, 30.9284,
-120.3814

■ 179.4410, 27.3906,
-105.6268

■ 186.9050, 23.7108,
-92.0017

■ 194.6680, 19.8837,
-77.7618

■ 201.8440, 16.3459,
-63.0072

■ 209.3080, 12.6662,
-49.3821

■ 216.4840, 9.1284,
-34.6275

■ 223.9480, 5.4486,
-21.0024

■ 231.4120, 1.7689,
-7.3773

Harmonies

Analogous

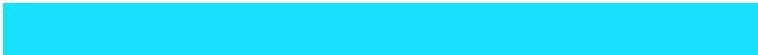
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



185.2110, 2.8540, -75.6070



164.8010, 34.6081, -134.0065



168.0220, 42.8802, -127.1843

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



164.8010, 34.6081, -134.0065



211.5180, 21.4366, 31.1177



204.2750, -40.5616, 36.5928

Complementary

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



164.8010, 34.6081, -134.0065



82.1990, -34.6081, 134.0065

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



201.1420, -28.6640, 47.2335



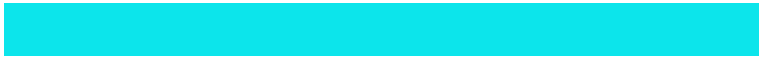
164.8010, 34.6081, -134.0065



204.2780, 8.7369, 44.4832

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



164.8010, 34.6081, -134.0065



204.4650, 24.9138, -10.9318



199.3760, -10.0454, 48.7822



200.6900, -36.8222, 3.7799

Rectangle

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



164.8010, 34.6081, -134.0065



184.8320, 34.5928, -82.2907



199.3760, -10.0454, 48.7822



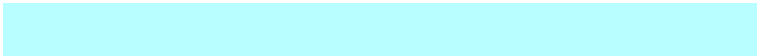
204.6010, -38.2573, 44.1999

Sweetspot

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



164.8010, 34.6081, -134.0065



232.5970, 11.0447, -42.6196



143.3570, -62.7870, -115.2001



113.6700, 7.0647, -26.0206



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



164.8010, 34.6081, -134.0065



174.6460, 39.6145, -153.1645



100.8180, 66.1517, -77.8934



113.7110, 1.6215, -6.7625



123.9460, 28.1276, -108.7006



36.6800, 8.5388, -32.1684

Inverse Universe

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



103.4150, 61.9134, 115.4000



104.5170, 70.7371, 131.9736



146.1820, -66.1517, 77.8934



110.5430, 3.1833, 5.6628



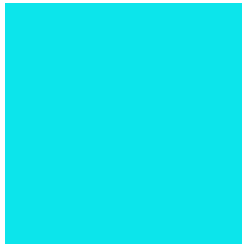
74.1830, 50.1958, 93.6785



22.0740, 14.7535, 27.9991

Previews

White Background



This preview shows how the YUV color 164.8010, 34.6081, -134.0065 looks on a white background.

Color Contrast Check

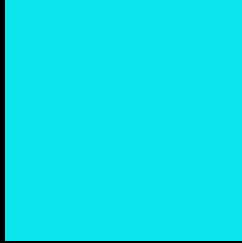
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 164.8010, 34.6081, -134.0065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

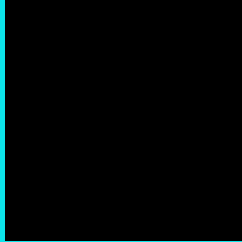
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

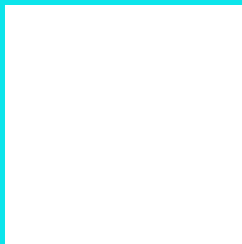
Any Text WCAG AAA ✓ Pass

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

YUV 164.8010, 34.6081, -134.0065 Background



This preview shows how black text looks on a background with the YUV color 164.8010, 34.6081, -134.0065.



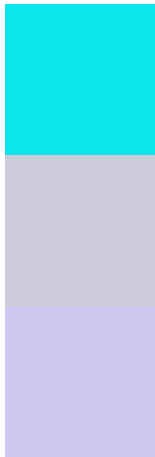
This preview shows how white text looks on a background with the YUV color 164.8010, 34.6081, -134.0065.

-134.0065.

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

164.8010, 34.6081, -134.0065

Protanopia

205.7100, 6.5520, -1.4997

Deuteranopia

206.7670, 16.8769, 0.2043



Tritanopia

172.0570, 36.4539, -119.3220

Trichromacy



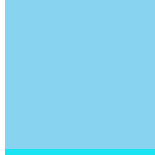
Original Color

164.8010, 34.6081, -134.0065



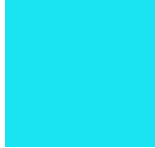
Protanomaly

190.7470, 16.8867, -49.7671



Deuteranomaly

191.7670, 23.2859, -48.9077



Tritanomaly

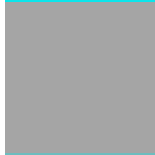
169.4970, 35.7440, -124.9699

Monochromacy



Original Color

164.8010, 34.6081, -134.0065



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.6070, 12.5187, -48.7673

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.8010, 34.6081, -134.0065 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(12, 229, 235)` looks like.

```
.text, #text, p{  
    color:rgb(12, 229, 235)  
}
```

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(12, 229, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 229, 235) }
```

Border

The CSS property to change the border of an element to YUV 164.8010, 34.6081, -134.0065 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(12, 229, 235) }
```


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

```
.border{ border-color:rgb(12, 229, 235) }
```

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

Here you see how a box with a 4 pixel rgb(12, 229, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 229, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 229, 235);  
box-shadow:4px 4px 4px 4px rgb(12, 229,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 164.8010, 34.6081, -134.0065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 229, 235) }
```

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

```
.background{ background-color: rgb(12, 229,  
235) }
```

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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